

19990131.qrp v01_n353.qrl.990131

Date: Sun, 31 Jan 1999 19:03:23 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1353

QRP-L Digest 1353

Topics covered in this issue include:

- 1) [31500] milliwatt QSO's saturday
by Jim <kj5tf@madisoncounty.net>
- 2) [31501] 1340 qrp rig sold..
by "Tim Cook" <timcook@erinet.com>
- 3) [31502] Orlando Hamcation and QRP
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 4) [31503] Tech America DSO
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 5) [31504] homebrew wattmeters
by Andy C Meng <andymeng@juno.com>
- 6) [31505] Re: Soldering coax connectors
by Jeff Johns <jeffj@scott.net>
- 7) [31506] Alaska 20 Meter Roundtable Tomorrow
by Alaska QRP Club <akqrp@eagle.ptialaska.net>
- 8) [31507] Re: Tech America DSO
by "John J. McDonough" <jjmcd@tm.net>
- 9) [31508] FB-40 On 80
by J38AL@aol.com
- 10) [31509] Re: Kits'n such
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 11) [31510] FS:Scout
by K8ff@aol.com
- 12) [31511] Soldering coax connectors, again
by "Stephen Gibson" <SWGibson@worldnet.att.net>
- 13) [31512] Re: Soldering coax connectors
by Vic Rosenthal <rakefet@rakefet.com>
- 14) [31513] Help drilling glass
by "Walter Dufrain" <walter@inlink.com>
- 15) [31514] Re: Soldering coax connectors
by ka7you@juno.com
- 16) [31515] Re: ISUARC Project 2
by ka7you@juno.com
- 17) [31516] Re: Announcing the Milliwatt WAS contest
by radioham@erols.com
- 18) [31517] ::: FS -- SEALED LEAD ACID BATTERIES (New, unused) :::
by alfa33@scn.org
- 19) [31518] 160m

- by Ron Stark <ku7y@dri.edu>
- 20) [31519] Re: Soldering Coax Connectors
by PHILLIPS RICHARD <phillips@msoe.edu>
- 21) [31520] 10 meter problem
by "Beaks" <beaks@westco.net>
- 22) [31521] K-2 manual OOPS!
by dave_epps@juno.com
- 23) [31522] FS: Wilderness Sierra
by mwattcpa@earthlink.net (Marty Watt)
- 24) [31523] Re: qrp repair
by Ed Loranger <we6w@juno.com>
- 25) [31524] RE: 10 meter problems
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 26) [31525] Re: 10 meter problem
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 27) [31526] Communications Quarterly
by Jeff Johns <jeffj@scott.net>
- 28) [31527] Thanks:: (Re: Any relayless QSK)
by Neil Klagge <w0yse@juno.com>
- 29) [31528] TenTec Triton2
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 30) [31529] Re: Soldering coax connectors
by "Paul R. Valko" <prvalko@oakland.edu>
- 31) [31530] Transistor Substitution Web Page ???
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
- 32) [31531] Re: Soldering coax connectors
by David Corkarn <dcork@sl001.infi.net>
- 33) [31532] Re: 10 meter problem
by Pete Burbank <plburbank@kih.net>
- 34) [31533] TenTec Omni-A Questions
by Mike Duke <K5xu@cris.com>
- 35) [31534] Re: Soldering coax connectors
by David Fifield <fifield@pacbell.net>
- 36) [31535] Orlando Hamcation (anyone here going)
by Patrick M Kvitkauskas <pmk@juno.com>
- 37) [31536] RE> 10 meter problem
by Patrick M Kvitkauskas <pmk@juno.com>
- 38) [31537] QRP++ and Companion
by "Kelly Ellison" <kelman@dialnet.net>
- 39) [31538] Re: Transistor Substitution Web Page ???
by "Robert P. Okas" <vintage@best.com>
- 40) [31539] NC20 status de K5F0
by Chuck Adams <adams@ticnet.com>
- 41) [31540] FS:QRP+
by wo7t@juno.com
- 42) [31541] My Money on Chuck
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 43) [31542] Re: [Re: Soldering coax connectors]

- by Roy Lincoln <wa4dou@usa.net>
- 44) [31543] Re: Announcing the Milliwatt WAS contest
by Jim <kj5tf@madisoncounty.net>
- 45) [31544] Re: [Preventative Maintenance to your Power Sources and Rig Cables]
by Roy Lincoln <wa4dou@usa.net>
- 46) [31545] Re: [Re: Soldering Coax Connectors]
by Roy Lincoln <wa4dou@usa.net>
- 47) [31546] Who's Who list....some clarification.
by N7YA@aol.com
- 48) [31547] Additional NorCal 20 Construction Notes
by David Fifield <fifield@pacbell.net>
- 49) [31548] Re: milliwatt QSO's saturday
by N7YA@aol.com
- 50) [31549] OTRIG-L (NOT) + Question
by "Robert Roach" <KE4Q0K@worldnet.att.net>
- 51) [31550] QSL Maker - request for input
by "John J. McDonough" <jjmcd@tm.net>
- 52) [31551] Pot Needed
by edn4pk@voyageronline.net
- 53) [31552] Re: Any relayless QSK rigs out there?
by W5TB <w5tb@softhome.net>
- 54) [31553] Re: Communications Quarterly
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 55) [31554] signal generator update
by David Shalita <af389@lafn.org>
- 56) [31555] Re: FS sierra plus extras
by James Skalski <jskalski@buffnet.net>
- 57) [31556] QRP repair inquiry summary
by "David Elmore" <rdelmore@email.msn.com>
- 58) [31557] Re: FYBO Op (Location info)
by "Steve/n0tu" <n0tu@webaccess.net>
- 59) [31558] Re: K-2 manual OOPS! [Don't worry - its FREE)
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 60) [31559] Software for drawing schematics
by "John Burnley" <burnley-ia@worldnet.att.net>
- 61) [31560] Champion weights
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 62) [31561] QQ is a heavy book
by PDouglas12@aol.com
- 63) [31562] Freq Counter
by Jeff Davis <jeff@jehosophat.com>
- 64) [31563] mW DX Sunday morning
by Jim <kj5tf@madisoncounty.net>
- 65) [31564] Digital Displays on MFJ-94XX Rigs
by "Mike Martin" <mmartin@internetni.com>
- 66) [31565] Re: Soldering coax connectors
by Rich Mulvey <molveyr@iname.com>
- 67) [31566] REF contest, milliwatts to France

by Jim <kj5tf@madisoncounty.net>
68) [31567] Re: Freq Counter
by Michael Melland <badger@vbe.com>
69) [31568] Re: Announcing the Milliwatt WAS contest
by Joe Gervais <vole@primenet.com>
70) [31569] LZ5BB
by Duane Alles <ad6he@yahoo.com>
71) [31570] Re: mW DX Sunday morning
by Tom Palmer <n1tp@worldnet.att.net>
72) [31571] Almost Free 2-trace O'scope - needs HV fixed
by "Bruce Barley" <lbbbarley@feist.com>
73) [31572] Re: Soldering coax connectors
by mahlon.r.haunschild@ac.com
74) [31573] QRP++ & Companion
by "Kelly Ellison" <kelman@dialnet.net>
75) [31574] Transistor ID
by d.nordquest@juno.com
76) [31575] CQC Annual Dinner - Everyone invited
by Bradley L Mugleston <kb0rol@juno.com>
77) [31576] Re: signal generator update
by Ed Loranger <we6w@juno.com>
78) [31577] Island Keyer ergonomics.
by Ed Loranger <we6w@juno.com>
79) [31578] Fireball Plus Keyer Option
by Ken Newman <N2CQ@citnet.com>
80) [31579] Garmin GPS S/W Updates (FYB0)
by Roger Hightower <n7kt@earthlink.net>
81) [31580] Thanks for Transistor ID!
by d.nordquest@juno.com
82) [31581] RE: Sierra plus extras
by James Skalski <jskalski@buffnet.net>
83) [31582] K2 and 160m
by Ron Stark <ku7y@dri.edu>
84) [31583] My friend with a sloppy fist.
by Ed Loranger <we6w@juno.com>
85) [31584] Military Aerial disguised as tree on UK TV - any info?
by Stephen John Farthing <stephen@stevef.demon.co.uk>
86) [31585] Bug weights
by James Skalski <jskalski@buffnet.net>
87) [31586] Re: Military Aerial disguised as tree on UK TV - any info?
by Jeff Johns <jeffj@scott.net>
88) [31587] QRPp Wattmeter
by Tom Palmer <n1tp@worldnet.att.net>
89) [31588] Re: Indoor Antennas
by Donald E Sanders <w4bws@juno.com>
90) [31589] RE: Communications Quarterly
by "Michael St. Angelo" <mstangelo@worldnet.att.net>
91) [31590] Re: WHO'S WHO

by K4AHK@ix.netcom.com

92) [31591] Re: [Re: Soldering coax connectors]
by Roy Lincoln <wa4dou@usa.net>

93) [31592] [Fwd: [WUN] 500 kHz Closedown News]
by Fred Lesnick <flesnick@tbaytel.net>

94) [31593] Re: Schematic drawing software
by Bill B Lazure <n2tpa@juno.com>

95) [31594] Re: PSK31 and 10 meter
by applitech@mcg.net (Claton Cadmus)

96) [31595] Re: 160m
by frank lauri <qrrp@yahoo.com>

97) [31596] Who's Who?
by k5zty@juno.com

98) [31597] Kester Silver solder
by "Mark Paley" <mpaley@wcnet.org>

99) [31598] Re: Who's Who
by Charles Kadesch <chas@digizen.net>

100) [31599] FYBO 1999/Feb. 6
by jaywa5whn@juno.com

101) [31600] Halftime es QRP
by Richard Sherman <srichard@aldus.northnet.org>

102) [31601] Son of FireBall: Last Chance...
by William-McShan@ouhsc.edu (Mike McShan)

103) [31602] GHD bug contact comparison GD105 Mk II vs GN205 (opto vs mech)
by "Ed Tanton" <n4xy@mindspring.com>

104) [31603] 10 meter problem info
by "Beaks" <beaks@westco.net>

105) [31604] Re: Kester Silver solder
by Jay Bromley <w5jay@alltel.net>

106) [31605] Reasons to donate a rig
by dave.g0dja@psilink.co.uk (David J. Ackrill)

107) [31606] QRPp Watt meter
by Tom Palmer <n1tp@worldnet.att.net>

108) [31607] NC20 Switches (Where are they??)
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)

109) [31608] Re: mW DX Sunday morning
by Larry Cahoon <wd3p@juno.com>

110) [31609] Re: REF contest, milliwatts to France
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

111) [31610] QSO for the History book.
by Ed Loranger <we6w@juno.com>

Date: Sat, 30 Jan 1999 18:04:13 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [31500] milliwatt QSO's saturday

Message-ID: <36B39DFD.5DD7@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It was quite a thrill to work 14 year old Ben NM7DX/QRP (X kd7bmc).
He was calling CQ on 28.007MHz at 19:41Z QTH near Seattle, Wa.

I called him with 70mW and got a 569! We went down to 18mW and still
copied me 449. Then QSB/QRM started. I found his email address and we
chatted after the QSO. Thanks agn Buckmaster! And thanks for young ears
and fist!

Next came some DX. HC5AI "Alfo" calling CQ on 28.028MHz at 20:18z. I
answered 25mW and got a 569! I had worked him 1/28/99 with 100mW so I
cut 75mW off my old lowest power for Ecuador. Looks like its 113,240.
miles per watt.

Have fun with QRP and QRPpp! de Jim KJ5TF AR QRP #2

Date: Sat, 30 Jan 1999 19:35:06 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "[Ten Tec] -
Reflector" <tentec@contesting.com>
Subject: [31501] 1340 qrp rig sold..
Message-ID: <00ba01be4cb1\$8d3166e0\$9f775acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Ten Tec model 1340 qrp rig has been sold, thanks for the response.

Tim
NZ8J

Date: Sat, 30 Jan 1999 20:34:32 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-l@lehigh.edu

Subject: [31502] Orlando Hamcation and QRP
Message-ID: <36B3B327.6431EB62@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Orlando is 2 weeks away.

Who is gonna organize the qrp get together this year?

Volunteer needed.

Henry

Date: Sat, 30 Jan 1999 20:37:32 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-l@lehigh.edu
Subject: [31503] Tech America DSO
Message-ID: <36B3B3DB.D81BC259@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am having a hard time trying to make something out of the "digital storage oscilloscope" on the cover of the February Tech America flyer.

Looks to me like it is just a not so fancy recording DMM. Not a word in the add about freq response or scope triggering.

Looks neat though.

What am I missing?

Henry

Date: Sat, 5 Dec 1998 19:26:17 -0500
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [31504] homebrew wattmeters
Message-ID: <19981205.194609.11598.0.andymeng@juno.com>

since my swr/pwr meter died I have been on the lookout for a 5W max wattmeter on the web. Does anyone know of one, preferably simple. TNX

73 de Andy KC8KFI QRP-L #1813 Cincinnati, OH
E-Mail: andymeng@juno.com E-Mail w/ attachments: kc8kfi@yahoo.com
URL: http://www.qsl.net/kc8kfi

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 Jan 1999 19:08:15 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31505] Re: Soldering coax connectors
Message-ID: <199901310108.TAA25478x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Sat, 30 Jan 1999 15:48:36 -0500, "Stephen Gibson" <SWGibson@worldnet.att.net> wrote:

> Do any of you with soldering expertise have any hints for someone who is
> having trouble getting the solder to adhere to the braid thru the teensy
> hole in the PL-259 - that's me. I've been doing it for years but it is

The first couple of times I tried it I had the same problem, but a guy at our department's radio shop showed me my problem and it was so simple. I was using a soldering iron that just wasn't powerful enough for the job. Now when I do one of these I borrow my dad's soldering iron. I'm not sure how many watts it is, but it's a big rascal and it really lets the solder flow into the hole. Good luck!

73 Jeff W4JEF

----- Jeff Johns W4JEF - AMSAT# 32615 -----
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, AO-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA

Date: Sat, 30 Jan 1999 16:15:09 -0900
From: Alaska QRP Club <akqrp@eagle.ptialaska.net>
To: qrp-1@lehigh.edu
Subject: [31506] Alaska 20 Meter Roundtable Tomorrow
Message-ID: <v03007803b2d95b7c27f8@[208.151.121.108]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Anyone needing Alaska, QRP, join us for the Alaska QRP Club 20 Meter Roundtable tomorrow at 2000Z... That is Sunday the 31st of January... Listen for KL7AQC on or about 14.061.5 MHz... I will be there from 2000Z to 2100Z, longer if activity warrants...

Here is your chance to get started on the new Arkansas QRP Club Milliwatt WAS Award...

A new "Frames" version of the AKQRP website is up and running... The same address will take you now to an entry page where you can select frames or no-frames... Let me know if you run into any snags or broken links on it...

Take care and have fun... Look for you tomorrow...

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC
Alaska QRP Club 10 Meter Beacon - KL7AQC - 28.282.5
Alaska QRP Club Web Site: <http://www.ptialaska.net/~bhopkins/akqrp/>

Date: Sat, 30 Jan 1999 20:00:36 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31507] Re: Tech America DSO

Message-ID: <006401be4cb5\$10607120\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hehe - I've been gawking at the same thing.

I've hunted all over and haven't found any clues about that one - although in the process I did find a similar device that was speced at 20M samples/sec. Not sure I understand what that translates to in bandwidth, but I'm pretty sure it ain't enough!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>

>I am having a hard time trying to make something out of the "digital
>storage oscilloscope" on the cover of the February Tech America flyer.

Date: Sat, 30 Jan 1999 20:17:47 EST
From: J38AL@aol.com
To: qrp-l@Lehigh.EDU
Subject: [31508] FB-40 On 80
Message-ID: <95f1311c.36b3af3b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I built a FB rev A for 10 meters using the supplied osc. Gave it several tries (when time permits) and used a HTX-100 for the receiver. Heard no one, or no one heard me! It does have output - saw it on a scope but didn't figure out how much. I'll have to read up on how to do that. Any help here would be appreciated.

So about 80 meters. I was searching the old stock in the basement and found these large modems or whatever that I forgot I had. (about 1.5 ft square and 6" high) They have large plug in pc boards. So I pulled boards and found a 14.7456 MHz osc on one of them. Now thats not in the ham bands. Divide by 2 and you have 7.3728 - not in the ham bands either. But divide by 4 and you

have 3.6864 - 80 meter novice band! The FB-40 jumpered for 40 meters is a divide by 4 so I guess I will build the rev B that I got for 80. Look for me on 28.322 or 3.6864. (that is till I pass that 13 wpm)
72, Al N2ZHS Scotia, NY

Date: Sat, 30 Jan 1999 19:39:24 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: notajock@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31509] Re: Kits'n such
Message-ID: <36B3B44C.529D8F36@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob,

You might want to check out the MFJ-9406 rig. It is a ready built SSB 10W PEP transceiver that performs well. It has a good super heterodyne receiver and just enough speech processing on transmit for a lot of punch. It list for \$269.95 with mic and \$259.95 w/o mic, although I was able to purchase mine at HamCom new with mic for \$200.00. Well worth the money in my opinion. It's been a fun rig. The URL for more information is:

<http://www.mfjenterprises.com/transceivers/mfj9406.html>

There may be 6M kits available too but I don't know of them. No, I am not affiliated with MFJ.

73,
Steve Yates
AA5TB
Fort Worth
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>

Date: Sat, 30 Jan 1999 20:41:07 EST
From: K8ff@aol.com
To: qrp-1@lehigh.edu
Subject: [31510] FS:Scout
Message-ID: <154da2e2.36b3b4b3@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale: Tentec Scout with 937 power supply, noise blanker, hand mic and 1 band module (your choice) \$475.00 Additional modules \$20.00 each, I will list any available modules after radio sold. All in excellent condition can be heard on the air if desired.
Shipping by UPS additional. 73, Wayne K8FF

Date: Sat, 30 Jan 1999 20:48:21 -0500
From: "Stephen Gibson" <SWGibson@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [31511] Soldering coax connectors, again
Message-ID: <006701be4cbb\$f0373da0\$1ab14e0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my request. I'm surprised at the number of ways that this problem has been solved.

Sorry that I cannot thank all individually.

72/73

Steve WB4NBI

Date: Sat, 30 Jan 1999 18:09:05 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: DSJKALLEN@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31512] Re: Soldering coax connectors
Message-ID: <36B3BB41.E252771F@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

DSJKALLEN@aol.com wrote:

>

> I've been soldering PL-259s to RG-8, et. al. for over 35 years; for what it's
> worth, I will throw in my two cents worth on this . . .

A point that I haven't seen yet: crappy coax with poor braid coverage is much harder to solder. The dielectric melts and comes through the braid, which keeps the solder from sticking. If you have the right tools and do it right, you will be successful, but it makes doing it a marginal soldering iron even harder.

73,
Vic, K2VCO
Fresno CA

Date: Sat, 30 Jan 1999 20:31:03 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [31513] Help drilling glass
Message-ID: <000b01be4cc1\$c25e1f60\$676ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi QRP'ers, if someone would please give me some helpful advice for drilling 3/16+/- holes in a round piece of glass, it is round at 4 inches diameter and 1 inch thick. I do have a new 3/16 glass/tile drill bit, but any help would be much appreciated. Only have 4 holes to drill, wheew!

This is going to be a base for a set of key paddles.

Thanks in advance for your help,
72 / 73 Walter Dufrain, AG5P Wright City, Missouri

Date: Sat, 30 Jan 1999 22:28:08 EST
From: ka7you@juno.com
To: SWGibson@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [31514] Re: Soldering coax connectors
Message-ID: <19990130.194445.18831.1.ka7you@juno.com>

Stephen,
Many of the connectors you are likely to come across are Cad plated-the really shiney kind. this is over brass usually, and to get a

good solder connection, I would file through the cad plating to the brass. Then use a heavy soldering iron instead of a solder gun. You need the larger mass to help heat up the connector. I would suggest a 100 watt or bigger iron, although I have a 50 watt iron with a very massive tip, and it works well.

I have a 300 watt iron at work, which I use to solder stainless steel bars. It does a Great job on coax connectors, but be careful to not get it too hot!

The real trick, is to get in there with lots of heat, get it hot fast, get it soldered, and get out quickly. The longer you keep the heat applied, the hotter the coax will get, and if you melt the coax, you've just wasted your time and possibly a connector.

Good luck, and practice on some scraps first.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

On Sat, 30 Jan 1999 15:48:36 -0500 "Stephen Gibson"

<SWGibson@worldnet.att.net> writes:

>Do any of you with soldering expertise have any hints for someone who
>is
>having trouble getting the solder to adhere to the braid thru the
>teensy
>hole in the PL-259 - that's me. I've been doing it for years but it
>is
>always a pretty much hit-or-miss operation. I'd like to know how to do
>it
>properly before I go to the great ham fest in the sky.
>
>Thanks in advance.
>
>72/73
>
>Steve, WB4NBI
>
>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 Jan 1999 22:28:08 EST
From: ka7you@juno.com

To: carpentt@citrine.indstate.edu
Cc: qrp-1@Lehigh.EDU
Subject: [31515] Re: ISUARC Project 2
Message-ID: <19990130.194445.18831.2.ka7you@juno.com>

Todd,

In my opinion, the Pixie family is not very good when trying to get started in ham radio. The reasons are as follows:

First, there is no real receiver. You can't tune around to listen for signals. There is no provision for any audio based filtering, and there is no real bandpass (RF) filtering.

The transmitter is OK, but very underpowered for a beginner. The first few contacts one makes on any rig are difficult at best. "Stage fright", along with a weakling of a receiver and a puny signal are hard to overcome, until one has some experience.

I would suggest either a \$50 to \$100, single band transceiver kit, or maybe a Ten Tec receiver Kit, and then build a low power transmitter to go with it. OHR, EmTech, Small Wonder Labs, Kanga and Ten-Tec are just a few which have great kits. The EmTech series has a very open circuit board, easy to follow manual, with sections to be completed and tested before continuing. Others do a similar thing too.

I think you need a decent receiver-first. You and your group will find contacts a lot more easily made if you can hear, and differentiate signals with a decent receiver. Probably most of the contacts you make will be with higher power stations, so their signals will be a little stronger. That will help also. The low power transmitter circuits are easy to find, and easy to duplicate and get working properly. Receivers are a bit more trouble to get aligned and calibrated, for the beginner.

Just my nickels worth,

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

160M thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

On Sat, 30 Jan 1999 12:18:05 -0500 "Todd Carpenter"

<carpentt@citrine.indstate.edu> writes:

>Hi guys. The club has narrowed our consideration to some version of
>the

>pixie. Anybody want to comment on its performance as a novice rig?

>Todd

>

>

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Date: Sat, 30 Jan 1999 22:29:49
From: radioham@erols.com
To: kj5tf@madisoncounty.net
Cc: qrp-1@Lehigh.EDU
Subject: [31516] Re: Announcing the Milliwatt WAS contest
Message-ID: <3.0.1.16.19990130222949.1a27f782@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Jim-

Congrats on starting a new QRP 1 year goal - WAS at the milliwatt level. I think this will be a real challenge for everyone, especially those of us on the East coast. Arkansas is sort of in the middle of the country, so you guys have a head start already :-).

I just want to remind everyone that qualifying for the Arkansas QRP Club Milliwatt WAS Award will automatically qualify you for the QRP QRCI WAS Award also. Complete with a milliwatt endorsement. Where else can you get a deal like this?? Two QRP awards, one qualification standard. Work 'em, log 'em and QSL 'em. Like the Arkansas Club, QRP ARCI requires only a log showing who, band, power and when. The signature of two hams as witnesses or a radio club official are proof enough that you made the contacts - no QSLs in the mail, please.

The QRP ARCI WAS award is not time limited, so if you have accomplished this feat (meaning at 5 watts or less) or do so in the future, send in your logs. Full info on QRP ARCI awards may be found at www.qrparci.org.

And, as Jim says, with all these contests going on and coming up, this is a great opportunity to obtain such awards as a 1000 Mile Per Watt Certificate, a QRP WAC Certificate or the venerable QRP WAS certificate.

If you have any questions on the QRP ARCI Awards program, or have sent in an application before Dec 31, 1998 and have not received your award yet, please e-mail me and we will work it out.

72/73 es gud mwing,

Steve, N4EUK
QRP ARCI Awards Chairman
Reston, VA

Date: Sat, 30 Jan 1999 21:35:50 -0600
From: alfa33@scn.org
To: qrp-l@lehigh.edu
Subject: [31517] ::: FS -- SEALED LEAD ACID BATTERIES (New, unused) :::
Message-ID: <199901302236.QAA06962@smtp1.cei.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

OK gang --

I've got - 3 - of these things and they are NEW. Still in the original, unopened factory cartons.

SPECIFICATIONS --

MANUFACTURER:	Powersonic
MODEL:	PS-12260
VOLTAGE:	12
CAPACITY:	26 A.H.
SIZE:	6.9" (L) 6.5" (W) 5" (H)
WEIGHT:	Approx 20 lbs

Now, these are not something that you would want to lug up the trail on a backpacking trip, but they do make a nice power source for that day in the field. They also work real nice just sitting on the desk in the shack. Plenty of reserve for any of the QRP rigs out there! Best of all...they don't leak cause their sealed. Guess that's why they call them Sealed Lead-Acid batteries! :-)

I think these sell at places like Mouser, etc for between \$65 and \$70 (plus about \$10 to \$14) for standard UPS.

I'm asking \$55 for each one AND I'll pay the shipping.

Anyone interested? Email me if you need any additional information.

73,

Jacob Worthington
AA4FM
alfa33@scn.org

Date: Sat, 30 Jan 1999 19:40:39 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [31518] 160m
Message-ID: <Pine.SOL.3.96.990130193745.25777B-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

160m sounds very quiet tonight. At 1830 local time I was already hearing east coast stations. Still too weak to work with QRP but it sounds promising for later.

Last night was a little noisy but I did manage a QSO with DE for another new QRP state.

If you are up late tonight, be sure to check the Top Band.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 30 Jan 1999 21:52:32 -0600 (CST)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: wb2vuo@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31519] Re: Soldering Coax Connectors
Message-ID: <Pine.OSF.3.96.990130215200.10246C-1000000@torres.msoe.edu>
Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Good idea, I have tried it and it works well.

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

On Sat, 30 Jan 1999 wb2vuo@juno.com wrote:

> Use a 140 watt or bigger Weller gun, but TAKE THE TIP OFF and push the
> retaining nuts tightly against the connector. It takes about 3 seconds
> to heat the whole mass up to soldering temp. Flow the solder in the
> holes and let the assembly set for 5 - 10 minutes...
>
> The connector seems to grow invisible Superglue seeing that if you touch
> the connector after removing the gun, it WILL adhere to you with a smell
> similar to the grill at McDonalds, but noisier...
>
> If you tend to "test" a connection for coneness with your fingers, first
> put your insurance card in your shirt pocket so the Emergency room can
> get to it more easily...
>
>
> 72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp.
> Trustee, B/BAMS club station and the NQ2RP/B 10 Mtr QRPP beacon
> "My night light runs more power than my Rig!!!"
>
>
>
> -----
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> or call Juno at (800) 654-JUNO [654-5866]
>

Date: Sat, 30 Jan 1999 22:56:53 -0500
From: "Beaks" <beaks@westco.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [31520] 10 meter problem
Message-ID: <007a01be4ccd\$be0d4560\$7f4ff5cd@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If theres a solution to this one, I know it will be found here so this is the problem:

For the past 2 years I have been unable to work 10 meters and sometimes 12 due to the fact that I am surrounded by CB ops who completely wipe out the band for me. I have them on all sides of me and its the same every evening and weekend, as soon as one of the group starts to talk it just wipes out any sigs on 10 meters with a raspy noise. I tried several rigs over the years and different antenna setups but still no luck. Is there some sort of filter that would notch out 27 MHz? If so, would such a filter do any good being that most of the transmitters are within a quarter mile or so of me and most of them are using amps? I'm sure someone else out there has had the same problem so would be interested in any solution you may have come up with.

Thanks guys!

Arch N8EAG Fairmont, WV

Date: Sat, 30 Jan 1999 19:59:43 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [31521] K-2 manual OOPS!
Message-ID: <19990130.200221.-8999.3.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I downloaded the K-2 manual and now I see that it says it is for "Test participants only". I've already ordered so guess I won't have to "Go directly to jail and not collect \$200 when I pass go".
Actually, I think it is great to have the manual 2 months before I get the kit . Normally I get in a big hurry to put the kit together and don't spend as much time with the manual as I should.
Nice of microsoft to make the ".doc" viewer available free.
dave ab5pc fresno, ca.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 04:15:36 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31522] FS: Wilderness Sierra
Message-ID: <36b9d87a.170518586@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I got no response on the Wilderness Sierra, 7 band modules, KC2 and =
Wilderness
KC2 front panel.

If one decides the K2 is out of reach at the moment, make me an offer ...=
Kit
price of the package would be around \$475.

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"
Member -- Tennessee Contest Group

Date: Sat, 30 Jan 1999 23:22:15 EST
From: Ed Loranger <we6w@juno.com>
To: rdelmore@email.msn.com
Cc: qrp-l@Lehigh.EDU
Subject: [31523] Re: qrp repair
Message-ID: <19990130.202201.4903.20.we6w@juno.com>

I'm sure responses will vary based on money in the pocket.

>From this simple homebrewer's point of view, I'd start
with this:

- 1) DVM + Power supply.
- 2) GDO + Gen. coverage receiver with accurate freq. dial.

- 3) Pixie2 or broadband oscillator with XTAL socket for freq.
- 4) Frequency Counter
- 5) Oscilloscope.
- 6) Antenna Analyzer.
 - 6a) Impedance bridges, LCR.
- 7) Spectrum Analyzer.
- 8) Network analyzer.
- 9) Add S-Parameter test set.
- 10) Add 10 MHz sync. standard to rack.
- 11) Digi-guys might want a Signal Analyzer earlier on.
- 12) EM shielded antenna test range...

Ok. Enuf!

Hope this maps out ok with the other suggestions.

-Ed

72, Ed WE6W, AR Millennium QSO's=231/2000

<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

On Sat, 30 Jan 1999 15:14:20 -0500 "David Elmore"

<rdelmore@email.msn.com> writes:

>If you were starting out in qrp homebrew what 3 or 4 pieces of test
 >equipment would want in what order. All I have is a vtvm and was
 >going
 >shopping and need input. Any references to a good book on radio repair
 >would
 >also be appreciated. 72 73 Dave KE9PO
 >
 >
 >
 >

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Date: Sat, 30 Jan 1999 23:28:02 -0500

From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcscs.cu>

To: <qrp-l@LeHigh.edu>

Subject: [31524] RE: 10 meter problems

Message-ID: <00a901be4cd2\$18c10a60\$fe7001c4@nwarfiel.usf.edu>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Surrounded by CB operators.... running (obviously illegal) linear
amplifiers... (100 watts ... 1000 watts ???)

What kind of antenna are the CBers using ?

Antennas they use are VERTICALLY POLARIZED or HORIZONTALLY POLARIZED ?

OK, answer the above questions and ...

1. if they are in the 100 watt range , you can solve the problems by using a well designed filter ahead of your receiver
2. if they run up to 1 kW the filter will help, but they will still be there
3. if ALL are using Verticals, then you use a HORIZONTAL antenna, which is fed via a high quality balun, then... follow me here carefully... USE DOUBLE BRAID COAX for the down run...
4. Test the above solutions
5. If I have that problem here , that is overload from a station nearby that is not within its license terms, I call the PTT , they come and look after the problem, and act accordingly...

There is also another thing you can do, but this one will drop your
transmitter power , and affect your receiver's sensitivity

USE A COAX 1/4 wave stub cut for the center of the 27 MHz band, connect
using a T connector right at the rig's antenna input.

BTW the filter that you will like to use ahead of the receiver could be the
object of a very lengthy discussion and analysis, some "experts" will prefer
using a BANDPASS two or three section filter, while other will ask for a
filter with a tuneable NOTCH, that can be tuned precisely to the frequency
of the QRM generator at a specific moment, in other words you move the NOTCH
to kill the signal that is overloading your receiver

AH... and of course, always try using a specially designed 3 or 4, or maybe
5 element YAGI optimized for maximum FRONT TO BACK ratio (via computer
aided design) and minimum side lobes...

Keep all of us up to date on how you are dealing with the problem

Arnie Coro

C02KK

Date: Sat, 30 Jan 1999 22:32:06 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: beaks@westco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31525] Re: 10 meter problem
Message-ID: <36B3DCC6.1873A531@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Beaks,

A 10M bandpass filter may help if the problem is intermodulation due to frontend overload or other related receiver problems. One way to tell is to switch an attenuator in and out of your receive path when experiencing the interference. If the hash decreases by the same amount as legitimate 10M signals then the hash is really there and you can't do much about it. On the other hand, if it is being produced within your own receiver you should notice that the hash will decrease much more with attenuation than the in-band signals.

My experience with CB interference is that the hash is actually in the 10M band and therefore you can't do anything about it. Often times people will drive their illegal CB amplifiers to maximum output with a carrier and leave no room left for the peak envelope power when using AM. An example would be if one had an amplifier (linear I hope!) capable of 100W maximum output one should only drive it to 25W carrier with no modulation on AM. This would allow for the peak envelope power of four times the carrier with 100% modulation. On CB this limit is seldom practiced and many of the amplifiers aren't really even linear. Therefore they transmit severely distorted signals with a very broad spectrum.

I have no CB'ers near me but I often hear the same splatter as you speak of via skywave. It can make 10M very unpleasant. Good Luck.

73,

Steve Yates

AA5TB

Fort Worth

aa5tb@swbell.net

<http://home.swbell.net/aa5tb/>

Date: Sat, 30 Jan 1999 22:32:45 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [31526] Communications Quarterly
Message-ID: <199901310432.WAA23680x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Does anyone on the list subscribe to Communications Quarterly? I was contacted by the editor regarding an editorial I wrote on a newsgroup and

have given permission for them to publish it and the editor has explained to me that it is a technical publication and sounds like something I might be interested in subscribing to. I was just curious if anyone thinks it would be worth me spending even more money that I don't have <grin> on doing so.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Sat, 30 Jan 1999 21:48:49 -0700
From: Neil Klagge <w0yse@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [31527] Thanks:: (Re: Any relayless QSK)
Message-ID: <19990130.214850.-226263.0.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who replied to my question "Any relayless QSK rigs out there?". Here is a summary of the comments about the Kenwood TS50S w.r.t. this question for those who may be wondering:

1. The TS-50S is relayless. There is a T/R relay, but it does not become active until you plug an RCA plug into the relay jack. And the center pin has to be long enough to activate the switch to enable the relay. Otherwise the TS-50S is noiseless. And the QSK is very good.
2. I just sold my TS50 which I happily used for about 5 years. I do believe there is a relay in it but I could barely hear it. VERY QUIET. I wouldn't complain about noise with it. Even the fan - which rarely came on - was quiet when used.
3. I have been using a TS-50S with great results since they first hit the street. As far as I can determine, there are no relays. If there are any, they are completely noiseless, hi. It is a fine rig.
4. I have a TS-50. It's a great rig, but it does have a relay

chattering during break-in CW.

Also thanks to all who commented on the other rigs. All the info is very much appreciated. I don't know of a more helpful bunch of cyber friends than this group. As this will be a major purchase for me, I will take my time and consider all the pros and cons from the vast collection of experience out there.

72 , Neil, w0yse (Y-guy #3), a QRP-L digest reader.
Now using only solar power for QRP <><

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 00:08:07 -0500
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31528] TenTec Triton2
Message-ID: <36B3E537.A9548428@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:

Well we got the Alpha Delta in the air (10-40) and I now have a TenTec Triton2. Unfortunately, there was no manual for it. Just wondering if someone has one and if they would be willing to send a copy this way. Please contact me if you can help.

72/73,
Erv W8ERV

Date: Sun, 31 Jan 1999 00:12:39 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Stephen Gibson <SWGibson@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31529] Re: Soldering coax connectors

Message-ID: <Pine.OSF.3.95.990131000719.7690B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone who is still buying standard PL-259s gets exactly what they deserve.

The few pennies extra that you pay for a SILVER PLATED PL-259 is well worth it - I buy 'em by the bag at hamfests, usually 10 for \$10 or less.

Once you solder one, you'll never look back.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 30 Jan 1999 20:17:42 -0900
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [31530] Transistor Substitution Web Page ???
Message-ID: <[v0300781bb2d9977041e6@\[208.151.121.108\]](mailto:v0300781bb2d9977041e6@[208.151.121.108])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

I have been looking for a transistor substitution / spec. page on the web and have been unable to scare one up... Does anyone have any stashed away in their book marks?

Appreciate the help... Thanks... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>
- 10 Meter Beacon: 28.2825 +/- KL7AQC / BCN

Date: Sun, 31 Jan 1999 05:18:15 -0500
From: David Corkarn <dcork@sl001.infi.net>
To: qrp-1@Lehigh.EDU
Subject: [31531] Re: Soldering coax connectors
Message-ID: <103102801b2d9dc1cdc0c@[208.136.65.63]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I read an artical in QST a few years back and there was a hint and kinks on just this subject. I do not remember who the auther was but I do remember the content. When your soldering PL-259's you do not want hi heat. You want a large heat mass. A soldering gun will not do it. It just heats up the the connector and melts the insulation. Remember the beg old soldering irons? They are perfect for soldering PL-259's. They have a large heat mass and a low temp so you can get in and out with out melting anything and the hole will be filled just like the premade jumpers. I bought mine at a ham fest for a \$1. Its come in handy not just for connectors but also for desoldering large joints.
I hope this helps.

72/73
David Corkran
KE4BAF

>Do any of you with soldering expertise have any hints for someone who is
>having trouble getting the solder to adhere to the braid thru the teensy
>hole in the PL-259 - that's me. I've been doing it for years but it is
>always a pretty much hit-or-miss operation. I'd like to know how to do it
>properly before I go to the great ham fest in the sky.
>
>Thanks in advance.
>
>72/73
>
>Steve, WB4NBI

Date: Sun, 31 Jan 1999 00:22:08 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>

Subject: [31532] Re: 10 meter problem
Message-ID: <3.0.32.19990131002201.006c58f8@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:56 PM 1/30/99 -0500, you wrote:

>If theres a solution to this one, I know it will be found here so this is
>the problem:
>For the past 2 years I have been unable to work 10 meters and sometimes 12
>due to the fact that I am surrounded by CB ops who completely wipe out the
>band for me.

Arch,

A 27 mHz filter won't help much as these guys are probably putting out square waves and what you hear is actually on the 10 meter band. I had CB QRM and the guy was running 300 watts. I complained to the FCC and he got phone call from them. The problem ended there and I later received a followup call from a nice lady at the FCC to verify his compliance. My neighbors gained a new respect for ham radio too and thanked me for getting rid of telephone and stereo interference.

It helps to do some chatting with your neighbors to see who else in the area has QRM and also a good idea to be able to attest to the quality of your receiver. In my case I had an R-390 and there was no argument.

Good Luck es 73 Pete W4VCT

Date: Sun, 31 Jan 1999 00:24:30 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31533] TenTec Omni-A Questions
Message-ID: <Pine.GSU.4.05.9901310021020.20215-1000000@voyager.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have the opportunity to acquire this rig at a reasonable price.

I need to know (since it's coming my way from a non-radio person) Does this rig have the WARC bands?

And, how easy is it to set up for QRP?

Mike Duke, K5XU,
President,

Mississippi Council of the Blind
<http://www.prestridge.com/mcb/>

Date: Sat, 30 Jan 1999 21:33:23 -0800
From: David Fifield <fifield@pacbell.net>
To: qrp-l@lehigh.edu
Subject: [31534] Re: Soldering coax connectors
Message-ID: <36B3EB23.83163D9C@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Haven't seen anyone comment on the little butane torches that they sell at flea markets and hamfests.....do these work okay for PL259s?

Dave Fifield, AD6A

Date: Sun, 31 Jan 1999 05:39:15 +0000
From: Patrick M Kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.edu
Subject: [31535] Orlando Hamcation (anyone here going)
Message-ID: <19990131.053923.3446.1.pmk@juno.com>

Don't know if I will be attending Orlando Hamcation but will volunteer the organizing of a meeting for those here on the list going. There were about 4 or 5 of us who showed up last year and exchanged a few handshakes and war stories and all was good fun.

I did not realize how close Ham Cation was as I got back into radio controlled glider competition this year and haven't been to a club meeting in about a year (O.A.R.C.)

I would be glad to step up and try to get the ball rolling On competition weekends I usually only fly unlimited which are on Sundays and most Saturdays are usually spent practicing but the WX has been so nice here this year I had been out 3 times this week.

Saturday looks to be a popular day as it was last year.

Any suggestions on what day will help but for now we will go with Saturday

Last year we met between the Manufacture's building and the building across the street near the MARS truck.

Any input will help and I will try and get a program in the meantime to narrow it down.

72 de Patrick KD40BQ

AR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 05:24:48 +0000
From: Patrick M Kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.edu
Subject: [31536] RE> 10 meter problem
Message-ID: <19990131.053923.3446.0.pmk@juno.com>

- (A) Sweep oscillator
- (B) Pin in coax

(A)

I had that problem once or twice. A friend of mine loaned me a sweep oscillator just for this occasion. It would sweep the CB band at a few milli watts and he couldn't here a thing aside from the oscillator and the problem stopped for a while. Sure he was talking to nobody as most do but after a few days he had no one to QRM with and gave up.

By the way we put the TX under a bush in his front yard and the 4 D batteries we used were still working a month later when I retrieved the TX.

I did not think to make one for myself as I would borrow his (he had a few of them) and he moved about 10 years ago.

(B)

While I was in middle school there was a gent here that no one would talk to that would walk on everybody (that's why) and everyone suspected it was him. I grew up with this gent and had nothing to do with CB's as girls were more important. I went by his house one day and there he was behind some kind of rig and big amp his father bought him just keying up on it and he told me to be quiet. I could did not understand what would make someone do such a thing and didn't think much more about it. A few days later I heard a few friends accusing him of stepping all over them and wondered what they could do about it.

I told them a straight pin in the coax usually cures that problem. Well that did the trick. Apparently he did not have a clue how to operate his station as he blew up a few amps and transceivers. His dad didn't buy him anymore radio gear so that ended for him

72 de Patrick KD4OBQ

AR

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 Jan 1999 23:58:28 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [31537] QRP++ and Companion
Message-ID: <199901310557.XAA00507@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

Thought I would put the word out to trade my Very High Serial # QRP++ and Companion. I am sure this is one of the last manufactured... Contact me for more details. I have two QRP++ rigs and only need one. Would like to get it into the hands of some one who would appreciate this classic duo. Looking for QRP related trades of equal value. I will ENTERTAIN all

offers. You can reach me at kelman@dialnet.net.

Thank you, Kelly Ellison WB0WQS - Aurora, MO. Looking to share a ride to Fort Smith Ark in March.

Date: Sat, 30 Jan 1999 22:19:32 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31538] Re: Transistor Substitution Web Page ???
Message-ID: <Pine.BSF.4.05.9901302216240.11255-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bruce,

Try NTE Electronics web site: <http://nteinc.com/search.html>

The index is searchable and most of the replacement parts also have data sheets.

Good Luck!
Bob - W3CD

On Sat, 30 Jan 1999, Bruce Hopkins - KL7H wrote:

> Hi Gang...
>
> I have been looking for a transistor substitution / spec. page on the
> web and have been unable to scare one up... Does anyone have any stashed
> away in their book marks?
>
> Appreciate the help... Thanks... Take care and have fun...
>
> 72 / 73 / oo's - Bruce - KL7H
> Fairbanks, Alaska
>
> "Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>
> - 10 Meter Beacon: 28.2825 +/- KL7AQC / BCN
>
>
>
>
>

Date: Sun, 31 Jan 99 00:39:05 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [31539] NC20 status de K5F0
Message-ID: <E106qUT-0000Ie-00@smtp.ticnet.com>

Gang,

Up through section 8 on page 9 and all is well.

Something that you might try in section 8. After powering up, place a mechanic pencil with your finger on the metal part on the center lead of the volume control pot, VR4. With changing pot values you can hear varying A/C hum levels.

All this with a movie and dinner in between. Just be sure to take your time and enjoy this fine kit. You can't rush it and I have been writting the part numbers and their values on a separate sheet of paper and checking them off as I go. Helps me keep things straight and so far haven't missed placement of a part. Knock on wood as they say....

Page 8 L1 assembly diagram and instructions do not agree on the orientation of the nylon screw, but that is minor. Do not try to turn the screw too hard as it just barely long enough to hold a light pressure.

This info just for those that haven't started yet and will later on this upcoming week. These are minor things that newbies might struggle with and lose some time, but you learn a lot in the process. Been there done that.

Good job Dave, Doug, Jim, and a cast of 1,000s....

Oh, 1% resistors are the blue ones for the new people.

This is definitely not a one day kit. Mileage may vary.....

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Sat, 30 Jan 1999 23:43:34 -0700
From: wo7t@juno.com
To: qrp-l@Lehigh.edu
Subject: [31540] FS:QRP+
Message-ID: <19990130.234334.4702.5.wo7t@juno.com>

FOR SALE:

Index Labs QRP+. Mint Condition. Unmodified except for 4C EPROM
upgrade allowing for 1WPM keyer adjustments. An indoor only rig
well cared for. It has become excess to my needs. Radio + Manual
(shipping included to lower 48) - \$340 wo7t@juno.com

73,
Mark

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 30 Jan 1999 23:01:22 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [31541] My Money on Chuck
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck, keep us posted on your progress. My money is on you to make
the first NC20 QS0. So far, 7 messages about missing parts. NC20 builders,
please let
me know if your kit has a missing part. I will send them out in the next
day's mail. I took the rest of the sold kits to Jim today. Met him in Turlock
and we did the exchange. He is shipping 50 or so kits per day. Has about
half of them shipped.

Dave and I are enjoying reading the reports. Be sure to let us know if there are problems. Enjoy, and go Chuck. Good luck. 72, Doug, KI6DS

Date: 31 Jan 99 02:27:50 EST
From: Roy Lincoln <wa4dou@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31542] Re: [Re: Soldering coax connectors]
Message-ID: <19990131072750.19704.qmail@www0h.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Vic,

You're absolutely right Vic.

To those who wrote of difficulty with tarnished braid:

When the braid isn't bright and shiny, its an indication of contamination. That should be cut back to where it is bright and shiny. If too short then, then its time for new coax. Cheap(not price but quality)coax is no bargain. Neither is old coax. I renew it every few years, or ,if convenient to measure, when the loss per unit of measure, starts to noticably rise.

73 Roy WA4DOU-----

DSJKALLEN@aol.com wrote:

>

> I've been soldering PL-259s to RG-8, et. al. for over 35 years; for what it's

> worth, I will throw in my two cents worth on this . . .

A point that I haven't seen yet: crappy coax with poor braid coverage is much harder to solder. The dielectric melts and comes through the braid, which keeps

the solder from sticking. If you have the right tools and do it right, you will

be successful, but it makes doing it a marginal soldering iron even harder.

73,

Vic, K2VCO

Fresno CA

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 31 Jan 1999 01:36:33 -0600
From: Jim <kj5tf@madisoncounty.net>
To: radioham@erols.com
Cc: qrp-l@Lehigh.EDU
Subject: [31543] Re: Announcing the Milliwatt WAS contest
Message-ID: <36B40801.2054@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Steve, and ARCI for that great offer! I'm looking forward to receiving my ARCI 1000 Miles per watt award.

I think the contest will be a lot of fun. And to make it more fun, watch the reports here on QRP-L. Several of us will be posting our progress here. Sharing all our hints, kinks, and tricks with the list.

I will be posting upcoming contests that will be useful I hope.

The month of February has QSO Parties for New Hampshire, Vermont, Delaware, and Minn. Try working these contests, and starting with the average strength stations with 950mW. Then try lower power as you call the stronger stations of that state. You will be amazed!

It's not 100% that the stronger stns are more likely to hear you, but it's a good chance they will.

Don't be afraid to answer a CQ with 950mW, QSO party stations will work hard to copy you. Just avoid the ones with the big pileups. Look all over the bands, and call the ones who have the fewest takers. Later in the contest, see if the pileups have calmed down and try those stns.

We are still working on the grand prize. We haven't picked it yet, but it's going to be very nice. Stay tuned.

Give the standard contest exchange in all these contests, as required. And don't expect to be able to get them to hang around and wait while you lower your power.

In regular non-contest QSO's, if the situation allows, try lowering your power and see if they copy you. If so, send and receive RST, and give them your power level.

Not everyone is going to want to do that with you, but many will and they will thank you for the experience!

There are some nets that could be useful also. Watch QRP-L for more tips, and tricks to help you get your mW WAS.

Have fun with the contests, and tell everyone how your doing on QRP-L.

Good luck, Jim KJ5TF AR QRP #2

radioham@erols.com wrote:

>
> Hello Jim-
>
> Congrats on starting a new QRP 1 year goal - WAS at the milliwatt level. I
> think this will be a real challenge for everyone, especially those of us on
> the East coast. Arkansas is sort of in the middle of the country, so you
> guys have a head start already :-).
>
> I just want to remind everyone that qualifying for the Arkansas QRP Club
> Milliwastt WAS Award will automatically qualify you for the QRP QRCI WAS
> Award also. Complete with a milliwatt endorsement. Where else can you get
> a deal like this?? Two QRP awards, one qualification standard. Work 'em,
> log 'em and QSL 'em. Like the Arkansas Club, QRP ARCI requires only a log
> showing who, band, power and when. The signature of two hams as witnesses
> or a radio club official are proof enough that you made the conacts - no
> QSLs in the mail, please.
>
> The QRP ARCI WAS award is not time limited, so if you have accomplished
> this feat (meaning at 5 watts or less) or do so in the future, send in your
> logs. Full info on QRP ARCI awards may be found at www.qrparci.org.
>
> And, as Jim says, with all these contests going on and coming up, this is a
> great opportunity to obtain such awards as a 1000 Mile Per Watt
> Certificate, a QRP WAC Certificate or the venerable QRP WAS certificate.
>
> If you have any questions on the QRP ARCI Awards program, or have sent in
> an application before Dec 31, 1998 and have not received your award yet,
> please e-mail me and we will work it out.
>
> 72/73 es gud mwing,
>
> Steve, N4EUK
> QRP ARCI Awards Chairman
> Reston, VA

Date: 31 Jan 99 02:57:20 EST

From: Roy Lincoln <wa4dou@usa.net>

To: klqrp@waterw.com, "Qrp1_Submit \ (E-mail\)" <qrp-1@Lehigh.EDU>, "klqrp_submit \

(E-mail\)" <klqrp@waterw.com>, <SBillingsley@usaninc.com>
Subject: [31544] Re: [Preventative Maintenance to your Power Sources and Rig Cables]
Message-ID: <19990131075720.29634.qmail@nw173.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Sam,

I know it won't help but don't be too hard on yourself. We've all been there or will, sooner or later. Only takes a split second of acting instinctively. Those who claim never to have destroyed something probably haven't done much.

Good advise! I'm as guilty as anyone of using alligator clip leads frequently. 73 Roy WA4DOU-----

After building homebrew gear for 30+ years I finally did the unthinkable.

In a hurry I alligator clipped up a 12v gell cell to my MFJ SWR analyzer (Ouch!!!!!!!!!!) with reverse voltage. In the blink of an eye I toasted the SWR analyzer destroying the 7805 regulator and several transistors and FETs. This happened while I was "in the field" yesterday at lunch trying to work a little 20 mtr CW. Needless to say it ruined my session and the rest of the afternoon.

I had been careful with all my gell cell connections up to then but it was an expensive mistake.

Ironically I had bought the Molex mated (keyed) connectors to put on ALL my gell cells and power cords to the rigs. They had been sitting in my tool box for MONTHS. In an hour (any hour) during this period I COULD have wired the cells and rigs and I wouldn't be sending this message. But oh no I thought! I CAN BE CAREFUL.

Please Please Please take the time to insure that this costly mistake is not yours.

In addition to the mated connectors I have bought low voltage drop Schottky diodes to put INLINE with the rigs +12v. This would have worked TOO by itself. I'll bet that some of you like me have been operating with alligator clips or simply wires twisted onto terminals for years. I highly recommend that you resolve to correct this WAITING TO HAPPEN DISASTER. There are many ways to protect yourselfDO one of them.

We QRPers are especially prone to this problem because we're constantly building and changing our rigs and configurations. This is doubly true when you get "in the field".

BTW as of 3PM on Saturday I have wired three gell cells with connectors and rewired two rig cables to match the mated supply connector. One hour....Oh so easy.

Wiser and Poorer!

Sam AE4GX

===== KL QRP Club Mailing List =====
To unsubscribe from this list, send email to listserver@vramp.net
and put the text "unsubscribe klqrp" in the message. To post a
message to the list, send email to klqrp@vramp.net.

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: 31 Jan 99 03:11:07 EST
From: Roy Lincoln <wa4dou@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31545] Re: [Re: Soldering Coax Connectors]
Message-ID: <19990131081107.14868.qmail@nw176.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Keith and Richard,

This sounds like a really good idea. I'm gonna give it a try. Thanks es 73
Roy WA4DOU(N.C.)-----

Good idea, I have tried it and it works well.

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

On Sat, 30 Jan 1999 wb2vuo@juno.com wrote:

> Use a 140 watt or bigger Weller gun, but TAKE THE TIP OFF and push the
> retaining nuts tightly against the connector. It takes about 3 seconds
> to heat the whole mass up to soldering temp. Flow the solder in the

> holes and let the assembly set for 5 - 10 minutes...
>
> The connector seems to grow invisible Superglue seeing that if you touch
> the connector after removing the gun, it WILL adhere to you with a smell
> similar to the grill at McDonalds, but noisier...
>
> If you tend to "test" a connection for coneness with your fingers, first
> put your insurance card in your shirt pocket so the Emergency room can
> get to it more easily...
>
>
> 72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp.
> Trustee, B/BAMS club station and the NQ2RP/B 10 Mtr QRPP beacon
> "My night light runs more power than my Rig!!!"
>
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
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> or call Juno at (800) 654-JUNO [654-5866]
>

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Date: Sun, 31 Jan 1999 03:22:43 EST
From: N7YA@aol.com
To: lowpowerdx@egroups.com, qrp-1@lehigh.edu, ham-radio-history@egroups.com
Subject: [31546] Who's Who list....some clarification.
Message-ID: <f25a9e8.36b412d3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, I just wanted to jump in here. many of the names i posted in the Whos Who file were sent to me, or posted by someone for recognition purposes. i did make some mistakes though.....the three biggest that stand out were the Don Miller, W9WNV listings, the "Yagi Uda...as one person" and Walter Cronkite with a K....and hes NOT a KB2, hes W2GSD. forgive my mistakes on those...i really meant well...honest!

And thanks to all the late comers who continue to send in names and calls of important hams....keep them coming, as long as you post them for all of us to see.

73...Adam, N7YA

Date: Sun, 31 Jan 1999 01:11:08 -0800
From: David Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31547] Additional NorCal 20 Construction Notes
Message-ID: <36B41E2C.5211105@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Thanks to input from several of you, here are a few things to note in addition to all the stuff in the manual:

1. The 82pF C0G capacitor (C108) for the VFO may be labeled either '820' or '82J', these mean the same thing.
2. Some rigs will have NE602AN chips (U4 and U7) as per the circuit diagram and parts list and some will have NE612AN chips instead. There is no need to panic. At HF, these two devices can be considered identical.
3. Use the drawing on page 8 to construct the VFO coil (L1) rather than the text. The screw is easier to fit from the top of the coil. I changed it for the drawing and then forgot to modify the text.
4. There is just enough red 26awg wire in the kit to do all the inductors. If you run out of the red stuff, use the green 26awg wire instead - there's plenty of that, and it'll make the rig more colorful.
5. When you have built the VFO, audio amplifier stages and AFA you may find that everything appears normal except the AFA won't announce anything for you. This means the VFO is off frequency too far - usually too low (e.g. 4.8MHz) - spread the turns of L1 more and twiddle with TC1 until you get an AFA response.
6. It's okay to put any/all of the IC's into sockets if you like. Of course, the better the socket, the better performance and longevity you are going to get out of the deal. Try to use gold

plated turned-pin sockets if you can.

7. You can modify the values of R1 and R100 to use different values of 10 turn pots you have handy. However, only go up as far as 20K maximum - 50K pots, for instance, will have problems which I will explain privately if you like (it's very long winded...).

That's it for now. Please let me know if you spot anything else or have any hints for people, I'd like to keep everything compiled neatly together.

Have fun putting it together, and don't forget to get on the air and actually use it too!

72 de Dave Fifield, AD6A

Date: Sun, 31 Jan 1999 04:16:37 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [31548] Re: milliwatt QSO's saturday
Message-ID: <8e94f5e4.36b41f75@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/30/99 4:32:49 PM Pacific Standard Time, kj5tf@madisoncounty.net writes:

<< Next came some DX. HC5AI "Alfo" calling CQ on 28.028MHz at 20:18z. I answered 25mW and got a 569! I had worked him 1/28/99 with 100mW so I cut 75mW off my old lowest power for Ecuador. Looks like its 113,240. miles per watt.

>>

Alfo must be a really good op with great ears!! just the other day, i worked him with my indoor half square...i can hardly reach ANYONE sometimes, he just picked me right out. the guy must be super-ears or something.

73...Adam, N7YA

Date: Sun, 31 Jan 99 08:31:10 PST
From: "Robert Roach" <KE4QOK@worldnet.att.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [31549] OTRIG-L (NOT) + Question

Message-ID: <MAPI.Id.0016.004534514f4b20203030303630303036@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I not sure where I picked up the address for the Old Time Rigs List. It = could have been here or somewhere else, but if you are considering checki= ng it out don't waste your time. As it turns out the only traffic is spa= m from the get rich quick guy and pornography site.

I have some old mil surplus test equipment that I need documentation for = and I thought that the folks with the ould rigs were most likely to have = the old test equipment ane therefore the doc.

Does anyone have any suggestion for a source of these old manuals.

73
KE4QOK
Bob

Date: Sun, 31 Jan 1999 08:57:27 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31550] QSL Maker - request for input
Message-ID: <001401be4d21\$c545d460\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well gang, version 2 of my QSL Maker is *FINALLY* in sight. The big new feature is the ability to enter QSO information and have it printed on the card. A lot of people have asked for that. Funny the sort of box you get into - I had always filled in those boxes and it never occurred to me to print them in so people could read it (if you've gotten a card from me you know my handwriting is horrible). But you guys clued me in.

Unfortunately, this feature makes the next most asked for feature a lot harder to deliver. Many folks have asked to be able to customize those fields. Since this is probably still a ways off, I'd like to ask you all - what information SHOULD be filled out. If I can get the fields right, maybe I can make the wait for customization a little less painful.

Currently, QSLMaker provides 6 boxes

- Call
- Date
- Time
- Freq/Mode
- Power
- Report

What -should- those fields be? I could probably add one or two at the expense of smaller letters, but somewhere around 5-7 seems like the right number.

The alpha release of 2.0 (which Scott, N3BYY is testing) provides for up to 100 QSOs and does not save the QSO information (after all, this isn't a logging program.) Is this about right? This lets you line up quite a pile of cards to print - handy with these slow inkjet printers. But 600 fields (potentially) is an awful lot to loose when good old Windoze takes one of it's little trips.

Please email me direct rather than cluttering up the list.

Thanx

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 31 Jan 1999 08:58:22 -0500
From: edn4pk@voyageronline.net
To: qrp-l@lehigh.edu
Subject: [31551] Pot Needed
Message-ID: <36B4617E.6086@voyageronline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am in need of a center detent 10k pot. Anyone have one that they can spare ?? Prefer a linear pot, but will make do with what is available.
Thanks...72/73

Ed

W3NR

Qrp-l 1307

CW from downtown Chickamauga, Ga.

Date: Sun, 31 Jan 1999 07:58:58 -0600
From: W5TB <w5tb@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31552] Re: Any relayless QSK rigs out there?
Message-ID: <3.0.3.32.19990131075858.0073ecdc@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's a trick which may expand your choices of rigs. My Ten Tec Omni V has a relay, but the cover slips right off and a small piece of cardboard slipped between the relay contacts silenced that annoying click with about 5 minutes of work. I don't plan to ever get rid of this wonderful rig, but if i do the process is easily reversed.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
NORCAL ZOMBIE ARRL Life Member QRPARCI # 3252
QRP-L #673 FISTS # 5365

Date: Sun, 31 Jan 1999 09:09:03 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Jeff Johns <jeffj@scott.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31553] Re: Communications Quarterly
Message-ID: <Pine.GS0.3.96.990131085546.29966H-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jeff,

Communications Quarterly is a quarterly journal containing the highest technical level of articles available from authors in the US. If one only wanted technical information of the highest order, then subscribing to QEX and to Communications Quarterly would be the direction for the \$ to go. (Of course, the QRP journals would also make a technical call on your \$, since as a group they are far more informative of practical technical matters than all of the general ham magazines combined.)

Communications Quarterly was started when Ham Radio's publisher sold its assets to CQ publications. The former Ham Radio Editor, Terry Littlefield, KA1STC, became the editor of Communications Quarterly. The journal has sought out articles from the best around and has not been afraid of some cotroversial topics. Hence, the Maxwell-Breune debate has

appeared with some of the math behind the two sides. There have also been articles on the ground vs. elevated radial question by lead advocates and researchers on the various sides. There are also practical articles involving circuitry, both analog and digital, antenna articles galore (with a bit more depth than even those in the Antenna Compendium usually go into), and basic radio-science articles on sun phenomena, propagation, and related topics.

Admittedly, the Quarterly is pricey: the problem is the cycle of circulation vs. advertising--one has to move up before the other can also improve. However, I believe that the journal deserves support by anyone interested in the latest developments in any number of areas in electronics and radio communications. However, you should also filter my notes through the fact that I subscribe to nearly everything--several QRP journals, the major mags, NCJ, QEX, RadCom, etc.

I hope this helps.

-73-

LB, W4RNL

Date: Sun, 31 Jan 1999 06:28:50 -0800
From: David Shalita <af389@lafn.org>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [31554] signal generator update
Message-ID: <36B468A2.C77853E5@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"L. B. Cebik" <cebik@utkux.utcc.utk.edu> wrote:

Hi LB,

How about adding these requirements to your list?

8. How about making the generator able to SWEEP frequency.

9. Bright Display (LED's) needed that is not sensitive to viewing angle and height from operator. LCD displays can be almost worthless when viewed at wrong angle or height.

> I have compiled a list of specs/desires/challenges gleaned from mail > sent
> to me about the synthized generator idea. Thought I'd pass it along > in
> case anyone is thinking of modifying the SS unit or developing their > own.

> 1. Be careful of AC pick-up in the synthesizer.

> 2. Resolution to at least 10 Hz is very desirable. (1 Hz desirable.)

> 3. Frequency span from 100 Hz/kHz (?) to 30 + MHz necessary, and to > above 45
MHz desirable.

> 4. Harmonic filtering of the output desirable, possibly requiring a > band
switch at least to change output filters.

> 5. Output level requires an excellent attenuator system for assured
> signal levels for test/alignment purposes.

> 6. Rugged construction, but smaller size (perhaps K-2 or similar size > to the
flat case 2 MHz waveform generators).

> 7. Absolute stability--and accuracy of the readout to a known standard.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Sun, 31 Jan 1999 09:31:41 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31555] Re: FS sierra plus extras
Message-ID: <Pine.LNX.4.03.9901310923310.608-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I couldn't find a Icom 735.

Cash price for the setup is \$390 for all the Sierra and related items.
If you want the LDG qrp autotuner also the whole package is \$475.

If the tuner doesn't go with the package I may keep it for another rig.

You can have a like new Sierra without the hassle of winding toroids for 5
evenings :-)

73,

Jim N2go

On Thu, 28 Jan 1999, James Skalski wrote:

>
> I have a Sierra that is as new. It has the following:
> modules 160,80,40,30,20,15 meters
> KC-2 digital display option
> built in memory keyer
> front panel option for KC-2, ABX
> ABX variable band pass
> RIT
>
> wilderness radio minilog (unused)
> ac power supply
> Carrying case (nice case from a Iomega Zip drive with compartments and
> zipper closure. Room for little key, snacks.
>
> LDG qrp autotuner /capability to use balanced and unbalanced feed lines
> (balun included)
>
> The sierra is as new, never outside, no marks, smudges or flaws.
>
> Package deal. All manuals included.
> Trade for/toward Icom 735.
>
> 73,
>
> Jim N2go
>
>

Date: Sun, 31 Jan 1999 09:31:04 -0500
From: "David Elmore" <rdelmore@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31556] QRP repair inquiry summary
Message-ID: <001001be4d26\$56529020\$aab0fad0@preferrc>

Thanks to all for your comments to my question of yesterday.
What 3 or 4 pieces of test equipment would you want in order of preference
to do repairs on qrp equipment?
Here is a summary of the reponses.

1. DMM- good one with an rf probe
 2. Oscilloscope min 25 MHZ ,50 MHZ can get at hamfest ~\$200
 3. Good reciever
 4. rf signal generater
 5. Frequency counter
- Other items :swr analyser,bench pwr supply,wattmeter, dummy load, grid dip osc, antenna lcr bridge

The response on repair books was any Demaw books, and solid state design, arrl handbook

I do appreciate the input. The first thing I am going to get is DMM . Then an Oscope.

72s Dave Elmore KE9PO

Date: Sun, 31 Jan 1999 07:34:53 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: <vole@primenet.com>
Cc: "QRP-L" <QRP-L@lehigh.edu>, "Dave Ek" <ekdave@earthlink.net>
Subject: [31557] Re: FYB0 Op (Location info)
Message-ID: <043001be4d26\$e0b1d780\$85a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just FIVE days till "...fa...fa...ef f, wa...wa Y ie, bu be bee O
O o o"
once said a very ca co cold eskimo. Who just finished sending ...559
CO 1w -10 degrees!

.
Hey Joe "we don't got any snow " (here in town, but the Mtns do!)

Looks like there's going to be 2 stns on top of Mt Herman for FYB0'99.
AB0G0/Dave and myself N0TU/Steve. I can't get more than 12 hr repreave
from doing the 'finish electrical' on the house. Starting to light up
some of the circuits now . I've only fried a pair of needle nose
pliers so far! YIKES! ...lots of sparks! oops! So we'll hike up at
O'dark thirty and set up with the aid of headlamps hoping to be ready
when the gun goes off at 7am MST.

Anyway, I'm really STOKED and ready for this FYBO adventure! My Sierra is awaiting a rock for 20m but I'll have along a SST/20m for back up. I can darn near wind a toroid blindfolded with one hand tied behind my back. Neat rig ..my Sierra!

FYBO'99-----
Mount Herman Hermits:
QRPP - less than 1 watt

AB0GO op-Dave Ek
SW40+ SW20+ZM2 inv Vee 40/20m

N0TU op Steve Galchutt
Sierra/20mSST hbZM Zepp 80-15m

Now if we can just stay out of each others receivers!

SO LOOK OUT for those Mt Herman Hermits on FYBO on 80-15m
...please listen for our frozen milliwatts coming your way....

Saturday Feb 6th starts at 1400 UTC - lasts 12hrs

-----Original Message-----

>> Scott, K7ZEN, and I will be operating FYBO from last year's location, Wet
>> Beaver Creek near Camp Verde. Hey, if the desert crowd can go to the snow,
>> the snow (we have a little) crowd can go to the desert!
>
>As long as Scott and crew promise me snow :) AB7TT will
>head to Pinetop, AZ to rendezvous with the AZ/NM QRP Gang,
>then head up into the mountains to set up a snow camp
>for FYBO. Goal is 9,000 ft. Me, my VE-24 tent and snowshoes,
>a Sierra and an SST-20 for backup. 1/2-wave 40m vert for
>40/20/15m. Plan to operate all 12 hours in the hopes that
>THIS year I'll FINALLY break 20F! :-)
>
>If you hear me testing out the rigs on Friday night, please
>drop me a few watts and I'll give you an early temperature
>exchange. :)
>
>So... where are the rest of you headed?
>
>Cheers de AB7TT,
>

>-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
>"It's hard to be unhappy when you have warm feet."
> - Dave, Fellow Snow Camper
>
>FYBO Winter QRP Field Day - Feb 6th - See
<www.extremezone.com/~ki7mn>

Date: Sun, 31 Jan 1999 06:45:18 -0800
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: dave_epps@juno.com, QRP-L <qrp-l@lehigh.edu>
Subject: [31558] Re: K-2 manual OOPS! [Don't worry - its FREE)
Message-ID: <36B46C7E.4FE9789C@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave,

No problem! We want you (and anyone else) to download and read the K2 manual. We only noted that the manual is a Field Test version so people would understand if there were any errors or omissions in it.

Have fun!

72, Eric

<http://www.elecraft.com>

You wrote:

Downloaded the K-2 manual and now I see that it says it is for "Test participants only". I've already ordered so guess I won't have to "Go directly to jail and not collect \$200 when I pass go". Actually, I think it is great to have the manual 2 months before I get the kit. Normally I get in a big hurry to put the kit together and don't

spend as much time with the manual as I should.

Date: Sun, 31 Jan 1999 09:06:23 -0600
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [31559] Software for drawing schematics
Message-ID: <19990131150747.DKM020808@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can anyone recommend any software for drawing schematics? Please respond to me privately.

72/73, John NU0V
burnley-ia@worldnet.att.net

Date: Sun, 31 Jan 1999 10:08:27 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>
Cc: dick@akorn.net
Subject: [31560] Champion weights
Message-ID: <Pine.GS0.3.96.990131095622.1124C-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have just found a new source for Vibroplex Champion weights. Those are the "square" ones with the top screw. The e-mail contact is Dick Bentley, K2UFT in Dunwoody (Atlanta, GA suburb) (dick@akorn.net). These weights are brass. My prototype came in a shiny finish, although they are experimenting with a "luster" finish. The price is \$10 per weight plus shipping.

For those having the Champion or similar WWII models with the flat bar (rather than the rod), the weight makes a good replacement--or for those just mastering the art of bug sending, a good second weight (called training wheels), or just a spare at a reasonable cost.

My own Champion has a bar I call standard that matches the initial sample, which was modeled on a military equivalent of the Champion. However, a borrowed weight of original vintage proved a tight fit on my bar, leading me to believe that some models might have used a slightly thinner bar. However, the Bentley weight should clamp perfectly well on those bars as

well.

Thought I would pass this along, given the recent interest in bugs on the list and the eternal search for spare parts--especially the square weights for the Champion.

Hope this info is useful to a few.

-73-

LB, W4RNL

Date: Sun, 31 Jan 1999 10:20:47 EST
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [31561] QQ is a heavy book
Message-ID: <5f791134.36b474cf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Gang,

If you haven't already gotten yours, it's coming in the next week or two. And it is worth the wait. I know I'm prejudiced by virtue of my BoD membership of QRP ARCI, (well really I'm not, I would just be quiet if the QQ weren't terrific), but you aren't going to believe this issue. Your mailman is going to have to worry about back problems carrying this one. The content is rich and valuable, and the transition from Ron Stark's stewardship (thanks for two great years Ron!) to George Heron's assumption of the yoke has obviously been smooth and competent. Great job, George, and all the other editors and writers. And thanks.

72,
Preston Douglas WJ2V

Date: Sun, 31 Jan 1999 10:28:13 -0500
From: Jeff Davis <jeff@jehosophat.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [31562] Freq Counter
Message-ID: <19990131102813.B6810@jehosophat.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have an MFJ-259B?

I am curious what you think of it?

Looking for a frequency counter/RF signal generator for the shack.
Anyone have other suggestions?

Thanks.

--

72 de Jeff, N9AVG
QRP-L 1640

Date: Sun, 31 Jan 1999 10:11:45 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [31563] mW DX Sunday morning
Message-ID: <36B480C1.6BAF@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ten meters not too bad this morning. Just worked G4KHG on 28.029MHz at 15:47Z. Ed is a county hunter and must have a really nice station. He gave me a 569, and I didnt try to go lower this time. I was running only 45mW. But I should have tried. Looks like 95,755 miles per watt.

72/3'z Jim KJ5TF AR QRP #2

Date: Sun, 31 Jan 1999 10:20:07 -0600
From: "Mike Martin" <mmartin@internetni.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31564] Digital Displays on MFJ-94XX Rigs
Message-ID: <000f01be4d35\$92ea8100\$669de3cf@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone on the list been successful in building or finding a digital

display that works with the MFJ-9420, 9440, 9406 series rigs?

73's,

Mike KA9LYY

Date: Sun, 31 Jan 1999 11:35:35 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: David Fifield <fifield@pacbell.net>, qrp-1@lehigh.edu
Subject: [31565] Re: Soldering coax connectors
Message-ID: <XFMail.990131113535.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On 31-Jan-99 David Fifield wrote:

> Haven't seen anyone comment on the little butane torches that
> they sell at flea markets and hamfests.....do these work okay
> for PL259s?

I have one (I think that I bought it from RatShack a couple of years ago...
) It works fine for PL-259's, especially when you're far away from AC power.
:-)

- Rich

--
Rich Mulvey
<http://mulvey.dyndns.com>
Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Sun, 31 Jan 1999 10:37:00 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [31566] REF contest, milliwatts to France
Message-ID: <36B486AB.74D6@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dont miss a chance to work these REF contest stns! They are CQ'ing with no takers. Just worked TM6REF at 16:26Z on 28.018mHz with 45mW. Got standard 599 RST. Miles per watt is 105,822.

My rig is a QRP+, with Oak Hills WM-2 in-line. Antenna is a 2 ele quad at 70'. QTH Arkansas Ozarks. Work these contests!!

72/3'z de Jim

Date: Sun, 31 Jan 1999 10:55:43 -0600
From: Michael Melland <badger@vbe.com>
To: jeff@jehosophat.com
Cc: qrp-l@Lehigh.edu
Subject: [31567] Re: Freq Counter
Message-ID: <36B48B0F.32A3@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff Davis wrote:

>
> Anyone have an MFJ-259B?
>
> I am curious what you think of it?
>
> Looking for a frequency counter/RF signal generator for the shack.
> Anyone have other suggestions?
>

I own a MFJ-259. Nice for antenna work but..... IMHO....not stable enough as a frequency source for radio alignment etc.... counter works "ok" but has very low ability to take any voltage if you plan to use it as test gear.

73

--
Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>

<http://www.qsl.net/kb9qhu>

Date: Sun, 31 Jan 1999 09:57:52 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [31568] Re: Announcing the Milliwatt WAS contest
Message-ID: <199901311657.JAA19697@usr04.primenet.com>

Jim (KJ5TF), Keeper of the AR 49er, wrote:

>
> The month of February has QSO Parties for New Hampshire, Vermont,
> Delaware, and Minn. Try working these contests, and starting with
> the average strength stations with 950mW. Then try lower power as
> you call the stronger stations of that state. You will be amazed!
> [...]
> Dont be afraid to answer a CQ with 950mW, QSO party stations will
> work hard to copy you.

And of course, don't forget to work the ARS Spartan
Sprint tomorrow, FYBO next Saturday, QRPTTF, or any
of the other QRP contests. If you want to get your
QRPP sig heard, some of the best ears can be found
among your QRP bretheren on the air. ;-) Common cause
and all that. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave, Fellow Snow Camper

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Sun, 31 Jan 1999 09:02:29 -0800 (PST)
From: Duane Alles <ad6he@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [31569] LZ5BB
Message-ID: <19990131170229.8632.rocketmail@send202.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello All,

Does anyone on the list have qsl info for LZ5BB? He was on 40m this A.M. around 14:00z.

72,73

Duane, AD6HE

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 31 Jan 1999 12:12:07 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: kj5tf@madisoncounty.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31570] Re: mW DX Sunday morning
Message-ID: <36B48EE7.F79F050@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How low can he Go?

Does Jim believe power in excess of 1 watt is almost criminal? (Grin).

Any suggestions for a super accurate milliwatt meter?
I want in this milliwatt WAS for 1999.
Looks like one heck of a lot of fun.

Tom, N1TP, Naples, Florida.

P.S. 15 meters is not bad for EU, but lots of QSB.

Jim wrote:

> Ten meters not too bad this morning. Just worked G4KHG on 28.029mHz at
> 15:47Z. Ed is a county hunter and must have a really nice station. He
> gave me a 569, and I didnt try to go lower this time. I was running only

> 45mW. But I should have tried. Looks like 95,755 miles per watt.
> 72/3'z Jim KJ5TF AR QRP #2

Date: Sun, 31 Jan 1999 11:03:31 -0600
From: "Bruce Barley" <lbbbarley@feist.com>
To: <qrp-1@lehigh.edu>
Subject: [31571] Almost Free 2-trace O'scope - needs HV fixed
Message-ID: <000201be4d3d\$01a83fe0\$3d05f7c6@wichita.feist.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Price: FREE + \$10 to help defray shipping.

B&K model 1471 solid state dual trace O'scope.
10MHZ scope.
Has manual w/ schematic and parts list.

No probes. One small knob is missing.

Nota Bien: -
HV flyback transformer is out - took a week just to get the
odor cleared out of the shack. Should be able to be
fixed. Otherwise, there are a lot of parts for salvage/ junk box.

If more than one indicates a desire for this scope, I'll have
to have my wife pick a name out of a hat.

If no one indicates an interest, then I'll junk it out myself. Just
thought I'd give someone who wants a scope the chance at
a fixer-upper before I went after it with a slobber iron and
a pair of tin snips.

Please reply OFF-LINE.

73's
Bruce KB0PZD
lbbbarley@feist.com

Date: Sun, 31 Jan 1999 18:03:29 +0100

From: mahlon.r.haunschild@ac.com
To: qrp-1@Lehigh.EDU
Subject: [31572] Re: Soldering coax connectors
Message-ID: <8625670A.005F4367.00@amrhm1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi, Steve, et. al.

I saw the other comments on the list on this subject (all of which are good) and would just like to second the notion of using LOTS OF HEAT. Why? 'Cause you want to get the connector shell hot enough to solder quickly to prevent melting the dielectric (this is particularly a pain with foam dielectric cable). I sorta limped along for years with the standard-issue Weller 100/140-watt gun, but I always had to supplement it with a soldering iron for that last bit of heat. Then, I used one of those "PyroPen" butane-fired irons with a big tip and that worked better, but at the considerable expense of convenience. Then, one day, I saw in a pawnshop a Weller 300-watt soldering gun, bought it, and now I can solder PL-259s like a pro. It's probably the best \$12 I ever spent!

Another thought: when I'm done soldering the shell, I immediately cool it off with a wet paper towel or rag. This is, again, in the interest of keeping the dielectric and jacket from melting. Since I've gotten away from foam/vinyl and stuck with PVC dielectrics & jackets, melting hasn't been NEARLY as much of a problem.

I also solder the center conductor in a slightly different way, without tinning it: first solder the shield in the usual way, then cut off the center cond. flush with the end of the pin, give it a bit of liquid flux, build up a dollop of molten solder on the soldering gun tip, then apply said dollop to the center conductor. As soon as it starts to flow, pull it away immediately. This should leave the end of the pin sealed, with no sharp edges, and minimal solder wicked up the center conductor into the dielectric (again, I'm trying to keep the dielectric from melting).

I must say that I've never thought of using the gun without the tip, though. Have to give that one a try sometime.

73

Mahlon - N4EEE

Date: Sat, 30 Jan 1999 15:48:36 -0500
Reply-To: SWGibson@worldnet.att.net

Sender: owner-qrp-1@Lehigh.EDU
From: "Stephen Gibson" <SWGibson@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Soldering coax connectors

Do any of you with soldering expertise have any hints for someone who is having trouble getting the solder to adhere to the braid thru the teensy hole in the PL-259 - that's me. I've been doing it for years but it is always a pretty much hit-or-miss operation. I'd like to know how to do it properly before I go to the great ham fest in the sky.

Thanks in advance.

72/73

Steve, WB4NBI

Date: Sun, 31 Jan 1999 11:27:49 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [31573] QRP++ & Companion
Message-ID: <199901311728.LAA13435@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I have got some inquiries asking if I would split up the units. I'd rather trade them off as a package.
The QRP++ and Companion just belong together. They look great on the desk together. The QRP++ is serial
1605. Anyone out there have a later unit? Just curious. I also have the original receipt showing when the Companion was purchased. Hope this is of interest.

73,

Kelly Ellison, WB0WQS, Aurora, MO QRP-1 #702, QRPARCI #9854 (better late than never).

Date: Sun, 31 Jan 1999 12:41:51 EST
From: d.nordquest@juno.com
To: qrp-1@lehigh.edu
Subject: [31574] Transistor ID
Message-ID: <19990131.124027.5007.0.d.nordquest@juno.com>

Could anyone tell me what a C639 transistor is or if it crosses to something common?

Thanks! Dave KE9ED

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 12:53:43 EST
From: Bradley L Mugleston <kb0rol@juno.com>
To: qrp-1@lehigh.edu
Subject: [31575] CQC Annual Dinner - Everyone invited
Message-ID: <19990131.103307.10303.3.kb0rol@juno.com>

Final announcement for the Colorado QRP Club 5th Annual Dinner Banquet.

CQC is holding it's 5th annual dinner banquet on Saturday, February 13th.
We have all of the Charlotte's Web Restaurant being made available for us and are planning on having a great attendance and program.

The program will be "The Search for Amelia Earhart" by Bart Whitehouse. It will cover the history of the flight and the search along with the types of communications used. The slide show will be worth the price of the dinner.

The following day will be a HamFest and QRP Forum at the Adams County Fairgrounds.

Dinner will be \$20 for adults, \$10 for kids under 12 and those under 2 years old are free. Send your checks to:

Brad Mugleston - KI00T
15879 E. Arkansas Dr.
Aurora, CO 80017

Make them payable to CQC.

The restaurant will be prepairing either a Chicken or Beef dish (please specify what you want) so we need to have the checks at least a week before the dinner (February 6th) so we can have the restaurant ready. As we will be the only people there, there won't be any extra meals available.

This should be a fantastic event.

You DO NOT need to be a member of CQC to attend.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 13:03:15 EST
From: Ed Loranger <we6w@juno.com>
To: af389@lafn.org
Cc: qrp-l@Lehigh.EDU
Subject: [31576] Re: signal generator update
Message-ID: <19990131.100254.4903.9.we6w@juno.com>

I concur with David. I love LED displays. The Radio Adventures digital dial I have has amber and green display segments and is a total pleasure to read!

I absolutely will NOT buy LCD displays. I would rather have to push a button to turn on the display if it came down to power management. My station clock is the LCD display on the ATS-818 rcvr. I have to get at just the right angle, and then it is still barely visible.

We don't need to go back to nixie tubes, but those sure were neat :) They had all the numerals formed with glass spaghetti and 0-9 stacked in each segment. Depending on which numeral was displayed, it would be at a different depth in the tube. Remember those?

72, Ed WE6W, AR Millennium QSO's=239/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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Date: Sun, 31 Jan 1999 13:03:15 EST
From: Ed Loranger <we6w@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [31577] Island Keyer ergonomics.
Message-ID: <19990131.100254.4903.10.we6w@juno.com>

Good morning fellow milliwhatters.

I had a great time building an Island Keyer for a friend of mine. It works great and passed all the tests.

As a first pass and to get it running right away, I punched a bunch of holes in a 6x6 inch copper sheet PCB blank. Mounted everything in there quite quickly. The metal hole punch I use was an ideal match for all the holes.

This baby fired right up and worked as specified.

I am interested in laying out the controls for my friend so he has a most pleasant operating experience with it.

I'm thinking:

Front panel with WPM Speed control. Left side panel with audio output. Straight key and paddle connection left side rear, rig keying line back panel, Memory functions 1-4 at top right of cover, set and reset switch pair at top of lid at right rear. Power in back side panel.

Anyone use the island keyer? Which switches do you access the most and where would you like them located?

Thanks for any inputs.
-ED

72, Ed WE6W, AR Millennium QSO's=239/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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Date: Sun, 31 Jan 1999 13:20:36 -0500
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [31578] Fireball Plus Keyer Option
Message-ID: <3.0.6.32.19990131132036.007a28f0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jersey Fireballers,

*** HOW ABOUT A TiCK KEYER OPTION FOR THE FIREBALL? ***

There may be a reason to include a TiCK keyer as an option to the Fireball and Fireball Plus:

- the guys at Embedded Research have graciously given us a deal on the quantity order of TiCKs for use in the FB40 PLUS club project and we'll be structuring an option add-on to the FB40 PLUS Kit to include the TiCK keyer chip, its supporting components and a piezo beeper tossed in as a bonus.
- We've just about got the logistics together now for the FB40 PLUS Kit (price & availability) so stay tuned for the official announcement and ordering details.
- And thanks for all the interest! Recent prototyping results look great and we're excited about being able to offer the kit at such an attractive price.

*** WOULD YOU BE INTERESTED IN A KEYER OPTION? ****

Please reply directly if you think we should provide a TiCK keyer as an option. THANKS!

72/73 de
Ken Newman - N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Sun, 31 Jan 1999 11:30:02 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31579] Garmin GPS S/W Updates (FYB0)
Message-ID: <36B43EBA.A6483861@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you're going to the woods for FYB0 and using a Garmin GPS, you can download software upgrades here:

<http://www.garmin.com/support/>

Click your way from there to software upgrades. Ver 2.07 for the GPS III takes about 8.5 minutes to install, and fixes some problems.

Don't get lost int he woods, :-)

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Sun, 31 Jan 1999 13:41:32 EST
From: d.nordquest@juno.com
To: qrp-l@lehigh.edu
Subject: [31580] Thanks for Transistor ID!
Message-ID: <19990131.134015.5007.4.d.nordquest@juno.com>

Thanks to Jim, Bob, & Vince for the quick help. Turns out the C639 is really a 2SC639, which crosses to a 2N2222A or a NTE 123A. I pass this along because many transistor markings seem to leave out the 2S.

Thanks again for the timely help!
Dave KE9ED

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 13:43:23 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [31581] RE: Sierra plus extras

Message-ID:
<Pine.LNX.4.03.9901311341140.1056-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for all the interest in the radio.
It is a great low current, light weight rig.
It is sold.

73,

Jim N2go

Date: Sun, 31 Jan 1999 10:44:16 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31582] K2 and 160m
Message-ID: <Pine.SOL.3.96.990131103411.703A-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Eric and all,

Last night was GREAT on 160m.

Some major highlights....

Eric called me after a QSO with another station and we moved up the band and had a nice chat. He was showing the K2 off to a friend.

Folks, let me tell you this.... it was sounding great on 160m. We landed in some nasty SSB splatter and he was still able to copy all OK. That rig is NOT some little toy! I have now worked Eric and his K2 on the Top band and also when he was in Japan. (See the photo in the Oct 98 issue of the Quarterly. He really was working me during that photo session).

Then I worked K90T who had just finished with W0RSP. Before I got done I had also worked Ade and also AC7A.

The really super part of that story is that I told Ade about two weeks ago that I'd be on 160m this weekend and needed SD. He said he would look for me. I heard him Friday night just as he finished working another station but I couldn't get him. So it was SUPER to get it done last night. Thanks to all!

Only need 4 more states now for 160m QRP WAS. One of these days.....

I'm really excited about all the other QRP stations I worked. For 45+ years I never thought 160m would be any fun with QRP! Boy, was I ever wrong!

I think I need ME, KY, MS and RI. Going from memory here and I was up all night! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 31 Jan 1999 13:57:06 EST
From: Ed Loranger <we6w@juno.com>
To: qrp-l@lehigh.edu
Subject: [31583] My friend with a sloppy fist.
Message-ID: <19990131.105633.4903.11.we6w@juno.com>

I used to work him every time he powered up. He had a most challenging fist to copy. Frank would send nearly unintelligible code with his but -- it was a challenge I accepted every time I hear him.

15 WPM Dahs and strings of 50 WPM dits.

I wondered if others listening in knew what Frank had to say. But his WW-II stories were very enjoyed by me. I wish I had written down everything he shared.

He knew he was tough copy, sometimes sending great code

with his straight key at 12 WPM, and then fighting to speed up to share his world.

Frank sent from his window at the care home to a sloper some distance from his window. It was a low antenna and even QRO, frank had trouble getting out of state with his signal.

He had a stroke recently and his friend will be forwarding on my qsl card as soon as he finds the location of the facility where Frank is staying.

I'll miss his string of 20 dits after every laugh. He may not get on the air again as he is unsure of dates and times and where he is.

But if he does, I'll be there to answer that sloppy fist.

To my Friend Frank/W6ISX. May we meet again.

72, Ed WE6W, AR Millennium QSO's=240/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
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Date: Sun, 31 Jan 1999 18:56:16 +0000
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-l@lehigh.edu
Subject: [31584] Military Aerial disguised as tree on UK TV - any info?
Message-ID: <R\$SUWAAQdKt2EwJq@stevef.demon.co.uk>
MIME-Version: 1.0

Guys,

There was a TV program last night about espionage equipment. They featured an American Tree/Radio which was dropped from the air on to the Ho Chi Min Trail. It transmitted info back to base about troop movements. I wonder if anyone has any information about this. Can one buy them through Army Surplus? What a great thing to have in my garden. What will they think of next, trees disguised as aerials?

73 de

--

Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Sun, 31 Jan 1999 14:05:37 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-1@Lehigh.EDU
Subject: [31585] Bug weights
Message-ID:
<Pine.LNX.4.03.9901311404110.1056-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have some five pound weights that should make them sound better.

Hey. Lighten up..... It's a joke :-)

73,

Jim N2go

Date: Sun, 31 Jan 1999 13:21:15 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31586] Re: Military Aerial disguised as tree on UK TV - any info?
Message-ID: <199901311921.NAA23738x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Sun, 31 Jan 1999 18:56:16 +0000, Stephen John Farthing
<stephen@stevef.demon.co.uk> wrote:

> buy them through Army Surplus? What a great thing to have in my garden.
> What will they think of next, trees disguised as aerials?

Here in the Birmingham, Alabama area we have several cell phone towers
disguised as tree and to be honest, they blend in quite well. If you didn't
know they were there, a casual glance would not reveal them.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Sun, 31 Jan 1999 14:23:10 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [31587] QRPp Wattmeter
Message-ID: <36B4AD9E.ADBCD41B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have any comments
RE: the Oak Hills Research HW-2 QRP
Wattmeter for milliwatt use?

Tom, N1TP, Naples, Florida

Date: Sun, 31 Jan 1999 11:52:03 -0500
From: Donald E Sanders <w4bws@juno.com>
To: tdurfee@usxchange.net
Cc: qrp-l@Lehigh.EDU
Subject: [31588] Re: Indoor Antennas
Message-ID: <19990131.141429.14438.2.w4bws@juno.com>

If possible to get on the roof, I would install a full wave loop on the roof with ladder line feed. This is unobtrusive and will give good all band results. Other wise a set of resonant counterpoises inside your apartment and a wire tossed over the roof to your antenna tuner. Good luck.
DON W4BWS

On Thu, 28 Jan 1999 19:17:40 -0500 Thom Durfee <tdurfee@usxchange.net> writes:
>Howdy,

>
>Egads! I just signed a lease for a new apartment and they won't let
>me
>have any outside antennas. Actually I knew that in advance and as my
>main hobby is RC Airplanes it is really no big deal.
>
>My apartment building is all wood and I am on the middle floor of 3.
>QRP is definitely the way to go to keep peace with the neighbors.
>
>I am looking for designs and opinions on effective indoor antennas.
>My
>primary bands are 40-10 meters.
>
>Please post to the list for all to see.
>
>thanks
>
>Thom WI8W
>
>
>

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Date: Sun, 31 Jan 1999 14:23:59 -0500
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: "'jeffj@scott.net'" <jeffj@scott.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [31589] RE: Communications Quarterly
Message-ID: <01BE4D26.0CF79240@217.newark-38-39rs.nj.dial-access.att.net>

I subscribe to Communications Quarterly. I feel it is the best amateur technical publication available today, even though the price is a little steep. I guess it is the successor to Ham Radio magazine, which was the best technical magazine in Amateur Radio. I really miss it!

Communications Quarterly has some good construction articles and theoretical articles.
I also enjoy the historical stories. Recently, they have been running stories on the truth in scientific studies; which I did not care about, but this is my personal opinion.

73

Mike St. Angelo N2MS

-----Original Message-----

From: Jeff Johns [SMTP:jeffj@scott.net]
Sent: Saturday, January 30, 1999 11:33 PM
To: Low Power Amateur Radio Discussion
Subject: Communications Quarterly

Does anyone on the list subscribe to Communications Quarterly? I was conatcted by the editor regarding an editorial I wrote on a newsgroup and have given permission for them to publish it and the editor has explained to me that it is a technical publication and sounds like something I might be interested in subscribing to. I was just curious if anyone thinks it would be worth me spending even more money that I don't have <grin> on doing so.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Sun, 31 Jan 1999 14:27:07 -0500
From: K4AHK@ix.netcom.com
To: obvious@bestweb.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31590] Re: WHO'S WHO
Message-ID: <36B4AE87.1E97@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for mentioning Vic Clark, W4KFC. His home was only a few miles from mine and I was priviledged to know him.

In the Summer of '81, I heard Vic on the 2-meter road show one morning talking about working some DX with a Heath HW-8. It seems that someone had asked him to assemble the kit and when Vic got it finished, he put it on the air. He was so amazed with what he was able to work with 3 watts that he decided to see how far towards QRP DXCC he could go on the

power of one lantern battery. He didn't make it on one battery but he did manage to log 100 countries before the second lantern battery died.

Two years later, in the fall of '83, I attended the ARRL convention in Houston which had a QRP forum. Vic was there as the president of ARRL. I asked him about his QRP DXCC on two lantern batteries and he pulled a worn list of the 100 contacts out of his wallet. The list had a mark where he changed from battery #1 to battery #2.

Now THAT's a QRP challenge.

Bill Harding - K4AHK
Burke, VA - FM18

Date: 31 Jan 99 14:33:07 EST
From: Roy Lincoln <wa4dou@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31591] Re: [Re: Soldering coax connectors]
Message-ID: <19990131193307.14981.qmail@nw176.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

I've noted with interest, and some amusement, the various comments regarding the installation of PL-259 connectors. It brings to mind the "Hints and Kinks" article of some years ago, in which hams described various methods of doing the job, some of which were quite complex and quite convoluted. The proper installation of PL-259 connectors is not difficult but it does require some skill which only doing will bring.

By far the best method i read about here is the one that Don Allen W9CW described. Don and i would disagree about the need to remove the flux on the braid but i do remove the flux from the center conductor of the connector, after soldering.

The use of the tubing cutter to cut the tinned braid is a class act and i recommend it also.

There are those who stated that a Weller 100/140 watt dual heat gun was inadequate for the job. They are incorrect in this assessment. I've used not only my 100/140 but also my 250/330 watter as well and found little to recommend the higher wattage one.(I will however recommend to everyone, that Weller is the

only manufacturer of soldering guns worth their salt) I've used Wens, Craftsmans, and others. I was not impressed.

I've found it unnecessary to tin the center conductor before soldering it.

I do not use nor like foam dielectric cable. The loss characteristics simply aren't better than poly dielectric cable, by a factor sufficiently great, to warrant putting up with the aggravation of foam that evaporates when subjected to

some heat, and the center conductor will frequently migrate into the braid when

the cable is subjected to bends, and sometimes just the heat from the sun.

I've probably installed 1000 or more of these connectors in the past 30+ years. I don't remember having more than 5 to require removal and replacement after cooldown because of being shorted and 3 or 4 of them were attributable to

foam dielectric coax.

The dimensions suggested for cutting braid, jacket, center conductor, etc. are

given so that anyone can do the job, without experience. With experience comes the intuitive feel for proper dimensions without measuring. It isn't rocket science and doesn't require a great deal of precision. Number one(1) is using enough heat to get in, get it done and get out, in a relatively short period of

time. I prefer to let the connector cool on its own rather than risk any means of rapid cooling that depends on water, moisture, etc.

PL-259 connectors are not weatherproof. They require sealing. The type "N" connector and BNC's have "seals" which are supposed to prevent weather from entering them. However they often do not work properly and i've never developed any trust in them. I seal all connectors when used outdoors. Sealing connectors is a topic which could be discussed at length, in and of itself.

I have very little experience using "torches". I once bought a small one from Radio Shack that used small cylinders of butane(i think). It worked but the seal didn't and the cylinder always leaked out before the next use. I understand that they've come out now with torches that use disposable lighters and some that you recharge with butane fuel. I've heard good reports.

A thinking person seeks techniques that get good results and keeps an open mind and varies his techniques in an effort to continuously upgrade and improve his skill and results. A forum such as we have is a valuable method of learning other techniques to try and from other peoples experience. I ,for one, appreciate it.

BTW, earlier today i received an e-mail from a guy who suggested that he had some rather "ratty" looking coax of probably 30 years age, or more. The braid was corroded and he said it still met specs. I found it stretched my ability to believe to the breaking point, but i wished him my blessings in his use of it. However ,at WA4DOU, coax gets tossed every few years.:o) 73 to all

Roy

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 31 Jan 1999 14:40:25 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: njqrp <njqrp@njqrp.org>, "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>, ED Baumann <ebaumann@tbaytel.net>
Subject: [31592] [Fwd: [WUN] 500 kHz Closedown News]
Message-ID: <36B4B1A9.3AB88CF6@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Had this sent to me, thought others not on the list would like to see it...73 Fred
VE3FAL

Alan Gale wrote:

> Hi Fellow Mariwunners,
>
> I heard from a friend that some of the European stations
> would be using the following plan for tonight's closedown messages.
> Please note that Oostende will close at 2300z not midnight. Be sure
> not to miss this one!
>
> SUNDAY'S 500kHz CLOSEDOWNS:
>
> 4 Radio Stations closing down:
> Oostende Radio OST at 2300 GMT (Note: *2300*!)
> Reykjavik Radio TFA at 0000 GMT
> Lyngby Radio OXZ at 0000 GMT
> Valentia Radio EJK at 0000 GMT
>
> TFA will broadcast at 0001 GMT, and afterwards reply to any station calls.
> When completed, TFA will call OXZ.
>
> OXZ then sends his closing msg, and afterwards answers any replies.
> When completed, OXZ will call EJK, who will send the final msg.
>
> Looks like it's going to be a late show!
>

> I've been hearing a lot of strange callsigns over the past
> 24 hours. Looks like a few other people, or former operators might
> be keen to join in the celebrations/wake too!

>
> RIP 500 kHz, I for one will really miss you! :-(
>

> 73, Alan.
>
>

> -----
> From: Alan Gale G4TMV
> Location: North-West England. IO83VP Lancs 53:39.3N 2:10.6W.
> Equipment: Kenwood TS830M + VLF Converters + FL3. W & G SPM-3
> G5RV, Loops, UMB + Inv. L, Wellbrook ALA100 Loop.
> Interests: Beacons, Search & Rescue, Maritime, Scanning, TVDX.
> Editor of: Medium Wave Circle's - "Beacons & Utes" column.
> Visit the MWC Website at: <http://www.mwcircle.org>
>

> Are you interested in NDBs? If so why not contact me for details
> about how to subscribe to the 'NDB List' e-mail reflector.
> -----
>
>
>
> ---

> The Worldwide UTE News (WUN) mailing list. WUN is a non-profit,
> dues-free club established in 1995 to share information on shortwave
> utilities. For more information: <http://www.gem.net/~berri/wun/>

Date: Sun, 31 Jan 1999 14:47:45 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [31593] Re: Schematic drawing software
Message-ID: <19990131.144754.7558.3.N2TPA@juno.com>

Already deleted the original message, so I don't recall who requested
this. This message was posted to the list several days ago. Haven't had
much chance to play with it yet.

Bill
W2EB

Hi Neil,

I have played with a good number of packages, my latest favorite :)) is TinyCAD. Point your browser to <http://members.xoom.com/sm0vpo/> ,down to the download section, and double click on PCB design software. It's for drawing schematics even though it says PCB.

73 de Vince, VE3VFN.

-----Original Message-----

From: ntan <ntan@crosslink.net>

>Hello agn.... Could someone point me to a source for freeware using the
>PC for drawing schematics. thanx and Keep it LOw-----Neil WA4CHQrp
>

----- End forwarded message -----

----- End forwarded message -----

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 14:04:53 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>, <kd7s@psnw.com>
Subject: [31594] Re: PSK31 and 10 meter
Message-ID: <015d01be4d55\$187a9c00\$a10a5e2c@groucho>

Probably a poor time (Super Bowl) to do this but 10 meters seems open and it looks like I've got this working. I'm on 28.125~ calling CQ any takers?? I will be calling and listening for the next hour or so, longer if I start making QSO's.

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Sun, 31 Jan 1999 12:12:11 -0800 (PST)
From: frank lauri <qrp@yaho.com>
To: ku7y@dri.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31595] Re: 160m
Message-ID: <19990131201211.11337.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Ron,

I worked the contest for a few hours on friday and last nite....band seemed to be in pretty good shape..I worked about 26 states and provinces using a 210ft dipole and 5 watts from the east coast

working delaware from ur qth is something very special for 160
qrp...congrats,
73,
frank N2IX
carmel,ny

---Ron Stark <ku7y@dri.edu> wrote:

>
> Hi All,
>
> 160m sounds very quiet tonight. At 1830 local time I
> was already hearing east coast stations. Still too
> weak to work with QRP but it sounds promising for
> later.
>
> Last night was a little noisy but I did manage a
> QSO with DE for another new QRP state.
>
> If you are up late tonight, be sure to check the
> Top Band.
>
> cul,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 31 Jan 1999 06:26:19 -0600
From: k5zty@juno.com
To: qrp-1@lehigh.edu
Subject: [31596] Who's Who?
Message-ID: <19990131.143146.9750.0.k5zty@juno.com>

The list isn't complete without George Murphy, VE3ERP, who does the Ham Calc discs and donates the proceeds to Canada's blind ham charities.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 15:41:29 -0500
From: "Mark Paley" <mpaley@wcnet.org>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [31597] Kester Silver solder
Message-ID: <007b01be4d5a\$14e4ffe0\$74ab85cd@mpaley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just read an article about Kester Silver Solder which consists of 62% tin, 36% lead, and 2% silver. It is supposed to be easier to work with and does a better job than the standard 60-40. I'm going to be building a Sierra radio kit and if I'm not mistaken it is recommended by the Wilderness folks, or at least by someone who has built several of their kits. Anyone know of a source for this solder?

Thanks,

Mark Paley--KF8KL--
mpaley@wcnet.org
ARS #505

Date: Sun, 31 Jan 1999 15:25:37 -0800
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@lehigh.edu
Subject: [31598] Re: Who's Who
Message-ID: <36B4E671.591A@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A few more comments about Vic Clark, W4KFC: He was the best CW operator I ever heard or met. He won many, many ARRL Sweepstakes and DX contests and yet was a most modest and non-assuming man. He did very well with a modest suburban station even before he moved to his country QTH. He could break up a radio club meeting with his humorous comments on DXing and contest operating. One thing he used to say that really can help QRP operators is that to work DX in a pile up you don't always need to be the loudest signal calling -you just have to be on the exact frequency the DX is listening on. If he is tuning up or down- anticipate it and put your signal in the right spot. I was lucky enough to be a member of the Potomac Valley Radio Club when Vic was the president back in the mid 50's.
-72 de Chas W3KC-

Date: Sun, 31 Jan 1999 14:09:02 -0700
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Cc: n7tx@primenet.com, w5bi@flash.net, k5tee@qsl.net
Subject: [31599] FYBO 1999/Feb. 6
Message-ID: <19990131.140914.-265521.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings soon to be freeze dried & vacuum packed radio officiados,

It's less than 6 days until FYBO 1999. The NC20 kit has arrived, tnx Doug, Jim, Dave, Paul, Jerry, plus a few others that I had missed.

How many NC20's will be on air for FYBO 1999?

For those qrp ops near grid square DM54ba, we will be monitoring 146.46 MHz FM simplex. It's a good thing all of us will be using hf cw, otherwise the hot air radiating from DM54 would probably melt the snow & ruin our temperature multipliers. ;-)

AB7TT {vole@primenet.com} will have an accurate count of the number of qrp stns operating from Arizona. There is a prize for the individual qrp Op, who works the most AZ qrp stns during the contest period. Our prize guy, AB7TT, has the details.

One item that I will be changing for this year's event is using chemical heating pads {HotHands by Heatmax - US, phone: 800-962-5447} which will last almost 18 hours. These pads will be placed in towels, surrounding the batteries. It will improve the chemical efficiency in the batteries. Max temp on the pads is ~ 130 deg F. My batteries will think they are in Yuma, AZ during the summer.

Know your limits, as Larry Ellison {Oracle CEO} had recently found out, while sailing.

Check the following site for the latest FYBO 1999 info;

<http://www.extremezone.com/~ki7mn/> {Click on QRP Contests}

or email Joe, AB7TT, vole@primenet.com

<http://www.weather.com/>

Break out the habanero sauce.

1 wit with 1 watt from

DM54ba...Jay, WA5WHN/7

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 16:14:16 -0500
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-1@Lehigh.EDU
Subject: [31600] Halftime es QRP
Message-ID: <3.0.1.32.19990131161416.009bee50@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If anyone won't be watching the SuperBowl Halftime show, I'll be on during
halftime. Or longer, depending on the score at the half. Maybe 20 or 40,
usual QRP freqs.

Hope to have a quick chat with someone, the bands always seem real quiet
during the Superbowl.

72 de Rick WZ2T NNY
Duane, NY Franklin County FN24

srichard@northnet.org
---If you're not part of the solution,
 You're part of the precipitate.---
 Steven Wright

Date: Sun, 31 Jan 1999 15:26:02 -0600 (CST)
From: William-McShan@ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [31601] Son of FireBall: Last Chance...
Message-ID: <v01540b02b2da20a900b9@[129.37.232.220]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi gang,

First, thanks for the kind messages that I've received this week. I'm finally able to sit at the keyboard again, so things are improving. My Doctor has also cleared me to return to work for a few hours a day this week. Looks like I am going to get past this ruptured disk thing without surgery.

I have the orders for W1REX and Paul Taylor ready to mail - should be able to get them off tomorrow. Sorry for the delay. Thanks for the present, Paul!

Here is the list of people who were part of the group buy that have not sent in their payment or contacted me. If you still want your oscillators, then you need to drop me an email within the next twenty-four hours. If I don't hear from you, I will assume that you no longer want the cans, and I plan to offer these unclaimed ones to QRP-L (several people have expressed interest).

Name	Call	Number ordered
Andreas	AD6FQ	1
Douglas	KA2UPW	1
Rod	KA7YOU	2
Clyde	KB4CUQ	1
Robert	N2LO	2
Alan	N3BJ	1
Ralph	N7RI	1
Brien	VE3VAW	1
Keith	WB2VUO	2
Peter	ve3gyy	1
Rick	Wz2t	1

72,
Mike McShan N5JKY
4209 NE 143
Edmond, OK 73013

Date: Sun, 31 Jan 1999 16:31:50 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "CW Reflector" <cw@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [31602] GHD bug contact comparison GD105 Mk II vs GN205 (opto vs mech)

Message-ID: <001001be4d61\$1cf5f480\$01010101@n4xy>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hello folks... Ever since I got my GD105 Mk II bug from Marshall Emm's Morse Express <http://www.morsex.com/> , every time I have mentioned that it had opto-interupters instead of contacts, the first question was: "How do I like it/etc." and 2nd: "What difference do the non-mechanical contacts make?" I have had to answer only with comments about how great the GD105 Mk II felt... and that's no answer, not really. The construction of ANY GHD key is so good that it COULD just be the quality of the design and construction that makes it "feel" so good.

So... I decided that the only FAIR comparison would be the closest equivalent GHD all-mechanical (incl. contacts) bug. I searched the GHD website <http://www2s.biglobe.ne.jp/~ghdkey/flame.htm> (Marshall also has all the same data on his website, but I wanted to be sure I wouldn't miss something obscure.)

The GD105 Mk II has a dual lever mechanism. There were no dual lever mechanisms that were NOT optically sensed. The single lever GN205 is, VERY similar. Enough so that I am comfortable using it for this comparison. So, I called Marshall, and ordered one. It came VERY promptly-as usual-and LOOKED GREAT-also as usual. GHD Keys are as beautiful as they are wonderful to operate.

I have not been able to get downstairs to even connect it to a transmitter... but let me say this: it looks every bit as good as the '105, and just foolin' around, FEELS GREAT! What differences will emerge with a back-and-forth / side-by-side comparison remains to be seen. One other reason to try the '205, is that with QRP camping/etc. power is at a premium. I haven't measured the current draw on the '105's "contacts" and don't see it as being more than 10 or 20 mA... but every little bit helps... etc.

More after some comparisons.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@mindspring.com

189 Pioneer Trail

Marietta, GA 30068-3466

TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)

*BoatAnchors *Test Equipment *Photography

~~~~~  
"Think you can, think you can't:  
either way you're right!"    Henry Ford  
~~~~~

Date: Sun, 31 Jan 1999 16:53:12 -0500
From: "Beaks" <beaks@westco.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [31603] 10 meter problem info
Message-ID: <007801be4d64\$19bae660\$c14ff5cd@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excuse the space, thanks to all who wrote me with suggestions on the interference problem I have on 10 meters. I had 16 replies so it seems a common problem for alot of us.
I had suggestions that ranged from well placed explosives to formal FCC complaints. Most agreed a filter would not do alot of good in this case.
>From talking to a couple of the offending CB ops recently, it seems they are using the imported radios that are sold openly as "10 meter Transceivers" but cover the range of 26-30 MHz out of the box or are easily modified. Add to this the cheaply made imported solid state broadband amps, the echo and noise boxes that go in the mic line, and the vertical antennas and it all adds to the problem.
The truck stop here in town and a few shops nearby sell some of the imported radios at less than 200 dollars new and sell several sizes of solid state amp. The most popular one here being a no-name black box unit that promises 250 watts for \$180.00
I'm working today on a letter to the FCC and will advise the list of any developments.
Thanks again to all who helped out.....
Arch N8EAG
Fairmont, WV

Date: Sun, 31 Jan 1999 16:04:24 -0600
From: Jay Bromley <w5jay@alltel.net>
To: mpaley@wcnet.org

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31604] Re: Kester SILver solder
Message-ID: <36B4D367.111888C7@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can get it at:
MCM, Mouser, ect.
Used it on my Sierra thanks to QRP Bob and did OK.
Gud luck and 73 de w5jay

Date: Sun, 31 Jan 1999 22:55:46 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [31605] Reasons to donate a rig
Message-ID: <E1075kT-0007UA-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Second: I'm too old to shovel snow, so I can't go door to door to shovel
>snow for the neighbors. Besides they would call the cops on the nut
>outside. Also, its dangerous because you could get run down by snow
>mobiles.

You could try the personal column in Private Eye (a satirical magazine in the UK), apparently, according to a programme I heard the other day, they carry exacly these sorts of adds and some people actually do send people money!

I wanted to know their names and addresses, but the programme didn't tell you that.

:o)

Dave (G0DJJA)

Date: Sun, 31 Jan 1999 17:59:38 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [31606] QRPP Watt meter
Message-ID: <36B4E05A.CE9DD637@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to everyone who
commented on the Oak Hills
WM-2 QRPp wattmeter.
Everyone who commented
is very pleased with their's.
Received many very favorable
comments and most believe it is
the best kit available.

The model I have in mind
can be found at:

<http://www.ohr.com/wattmeter.html>

Tom, N1TP, Naples, Florida.

Date: Sun, 31 Jan 1999 15:18:57 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [31607] NC20 Switches (Where are they??)
Message-ID: <01be4d70\$1404fe20\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, I have had several requests (5) for missing switches in the NC20 kits.
They should be in the bag with the knobs. Please check the bag very
carefully as they are small and hard to see in the bag. No problem on
replacing them, but if you have them, we don't want to send you extras,
grin. At least 2 requests for switches discovered them in the bag when I
mentioned it. Thanks, 72, Doug, KI6DS

Date: Sun, 31 Jan 1999 23:18:19 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [31608] Re: mW DX Sunday morning
Message-ID: <19990131.231820.4518.0.wd3p@juno.com>

On Sun, 31 Jan 1999 12:12:07 -0500 Tom Palmer <n1tp@worldnet.att.net>
writes:

>How low can he Go?
>

Real low. I missed the KS QSO party but worked a mobile in KS and again
in CO both at 500 mWatts. Comes out at about a mere 2,500+ miles per
watt. Two states down 48 to go. 1 Watt total so far.

This is a great little contest and despite fears of an East Coast
disadvantage it can be done. For those who want to see some numbers check
out my website. There are a few QSO's there at over 35,000 miles per
watt. One of the best was with a mobile at the other end. And if you
think these are good, I have a card from a ham in IL who has done it at
under 100 mWatts per state.

<http://www.erols.com/lejek/>

Follow the links to my QRP page then the WAS QRPP page. There is a table
for WAS QRP with power levels and miles per watts. These are all
confirmed QSO in the last 18 months or so. Plus all QSOs were initiated
and complete at the power levels given. Total power for WAS now stands
at 11.6 Watts.

These QSO all took place from MD. Station setup was usually a Wilderness
Sierra, with a Oak Hills SCAF filter to a dipole for an ant. The Oak
Hills WM-2 was used for the power measurements. The Sierra is set at 500
mWatts with an inline attenuator, on a switch, that can cut the power
back to 30 mWatts.

Hint - look for AK and HI in the DX contest coming up later this month.

73/72 de Larry.....WD3P in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 31 Jan 1999 17:27:52 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: kj5tf@madisoncounty.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31609] Re: REF contest, milliwatts to France
Message-ID: <36B4E6F8.22854BB1@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree. I also found this to be a good time to work some DX. I worked 8 French stations last night on 40M with 5W and a 50' random wire antenna without any effort.

73,
Steve Yates
AA5TB
Fort Worth
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>

Date: Sun, 31 Jan 1999 18:39:29 EST
From: Ed Loranger <we6w@juno.com>
To: qrp-1@lehigh.edu
Subject: [31610] QSO for the History book.
Message-ID: <19990131.153908.7999.0.we6w@juno.com>

Hi friends, I just worked a neat guy using a rhombic antenna.

W6ESE/Tony.

Old call was WA2EAA. We chatted for a good time on 40 meters/CW and talked about QRP and our lowest powered contacts. I worked NY6G with 250 microwatts over 78 miles and Tony worked a guy in North Carolina who was running .8 Watts as low as that guys' rig cud go.

Tony then said that he sent a QSL and wrote <semiquote>: "That .8 watts is more power than my bathroom night light runs!"

Tony told me that this guy presented this information at the QRP club and they named themselves "The Knight Lites"

or Lights?

Neat, eh?

Tony says to pass a "73" to Paul/AA4XX from Tony, whose old call was WA2EAA.

Now to celebrate with a fine cup of coffee and one of my MOST favorite: Rhasberry filled powdered donuts!

72, Ed WE6W, AR Millennium QSO's=244/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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End of QRP-L Digest 1353

